

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.

UTU-096550

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

Jonah Unit

8. Lease Name and Well No.

Jonah Federal T-11-9-16

9. API Well No.

43-013-34080

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface SE/SE 709' FSL 725' FEL

At proposed prod. zone 1355' FSL 65' FEL

14. Distance in miles and direction from nearest town or post office*

Approximatley 17.7 miles south of Myton, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any)

Approx. 65' t/lse, 1405' t/unit

16. No. of Acres in lease

840.00

17. Spacing Unit dedicated to this well

20 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft.

Approx. 1289'

19. Proposed Depth

6015'

20. BLM/BIA Bond No. on file

WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5503' GL

22. Approximate date work will start*

4th Quarter 2008

23. Estimated duration

Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the
SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the
authorized officer.

25. Signature

Name (Printed/Typed)

Date

Mandie Crozier

8/27/08

Title

Regulatory Specialist

Approved by (Signature)

Name (Printed/Typed)

Date

BRADLEY G. HILL
Office
ENVIRONMENTAL MANAGER

09-17-08

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct
operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

BHL
578768x
44325454
40.041798
-110.076687

RECEIVED

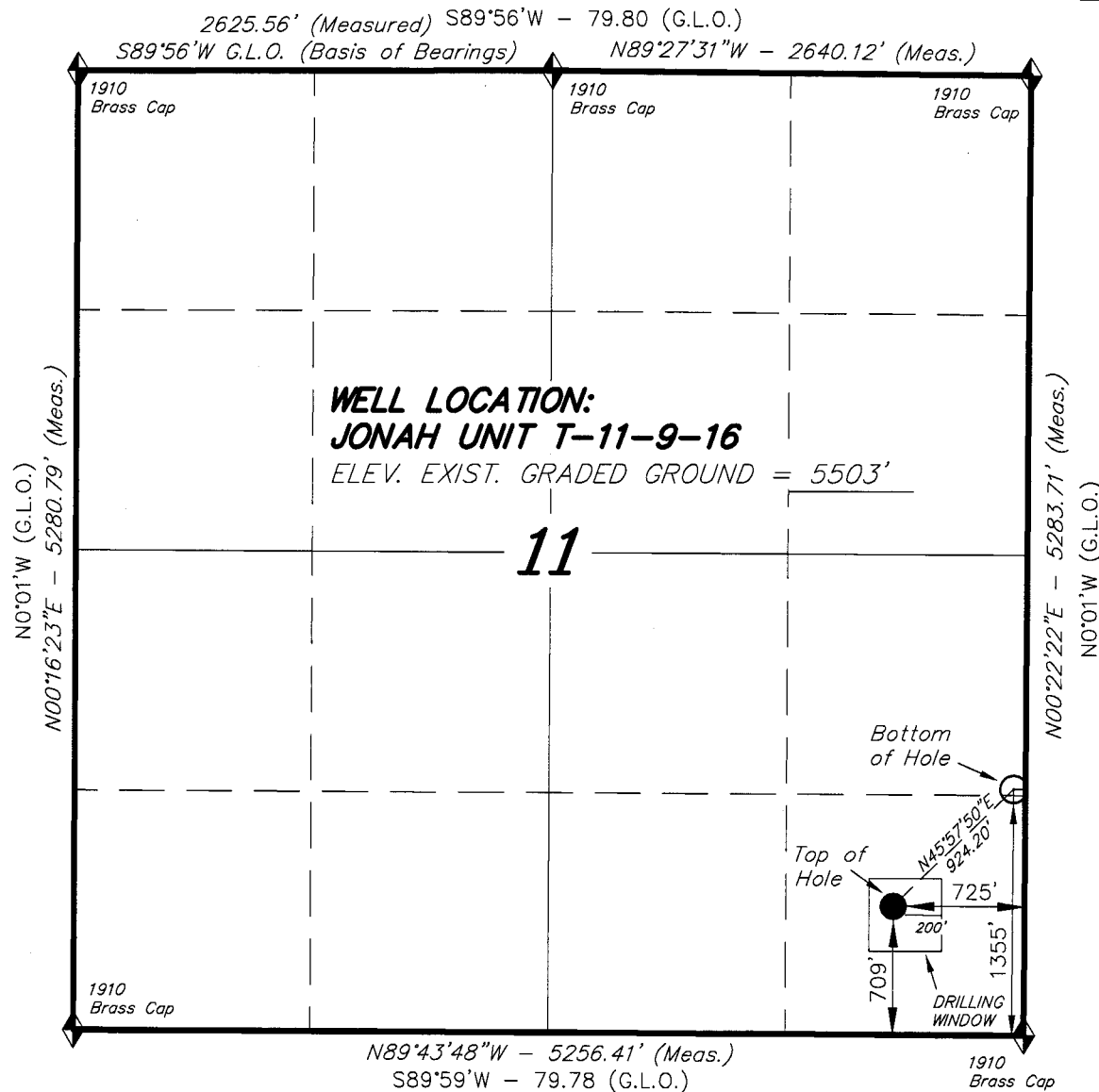
SEP 08 2008

DIV. OF OIL, GAS & MINING

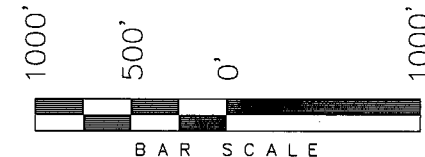
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-110.079041

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY



WELL LOCATION, JONAH UNIT T-11-9-16,
 LOCATED AS SHOWN IN THE SE 1/4 SE
 1/4 OF SECTION 11, T9S, R16E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.

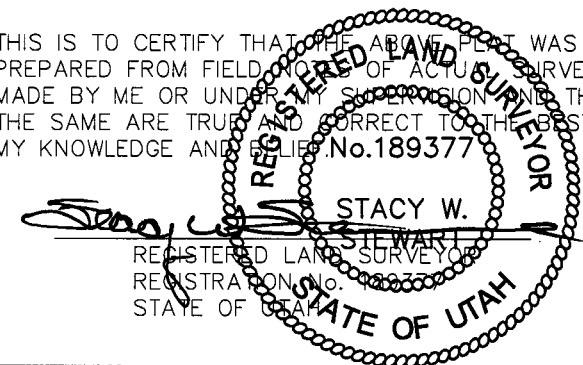


Note:

1. The bottom of hole footages are 1355' FSL & 65' FEL.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF. No.189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
 U.S.G.S. 7-1/2 min QUAD (MYTON SE)

JONAH UNIT T-11-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 02' 24.16"
 LONGITUDE = 110° 04' 47.32"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 05-13-08	SURVEYED BY: T.H.
DATE DRAWN: 06-02-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY
JONAH FEDERAL T-11-9-16
AT SURFACE: SE/SE SECTION 11, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1425'
Green River	1425'
Wasatch	6015'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1425' – 6015' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
JONAH FEDERAL T-11-9-16
AT SURFACE: SE/SE SECTION 11, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Jonah Federal T-11-9-16 located in the SE 1/4 SE 1/4 Section 11, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 10.0 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 4.7 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 1.1 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly - 0.2 miles \pm to it's junction with the beginning of the access road to the existing Walton Federal #1 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Walton Federal #1 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Walton Federal #1 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Jonah Federal T-11-9-16. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Jonah Federal T-11-9-16 will be drilled off of the existing Walton Federal #1 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 210' of disturbed area be granted in Lease UTU-096550 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. Federal BLM Permit #99UT55134, 4/24/00. Paleontological Resource Survey prepared by, Wade Miller, 3/27/00. See attached report cover pages, **Exhibit "D"**.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None for the proposed Jonah Federal T-11-9-16.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrel Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Jonah Federal T-11-9-16 was on-sited on 7/16/08. The following were present; Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), Brandon McDonald (Bureau of Land Management), and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

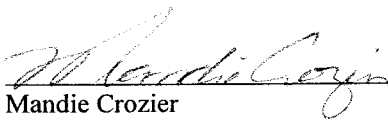
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #T-11-9-16 SE/SE Section 11, Township 9S, Range 16E: Lease UTU-096550 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/27/08

Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC
Site: Jonah Unit
Well: Jonah Unit T-11-9-16
Wellbore: OH
Design: Plan #1

Newfield Exploration Co.

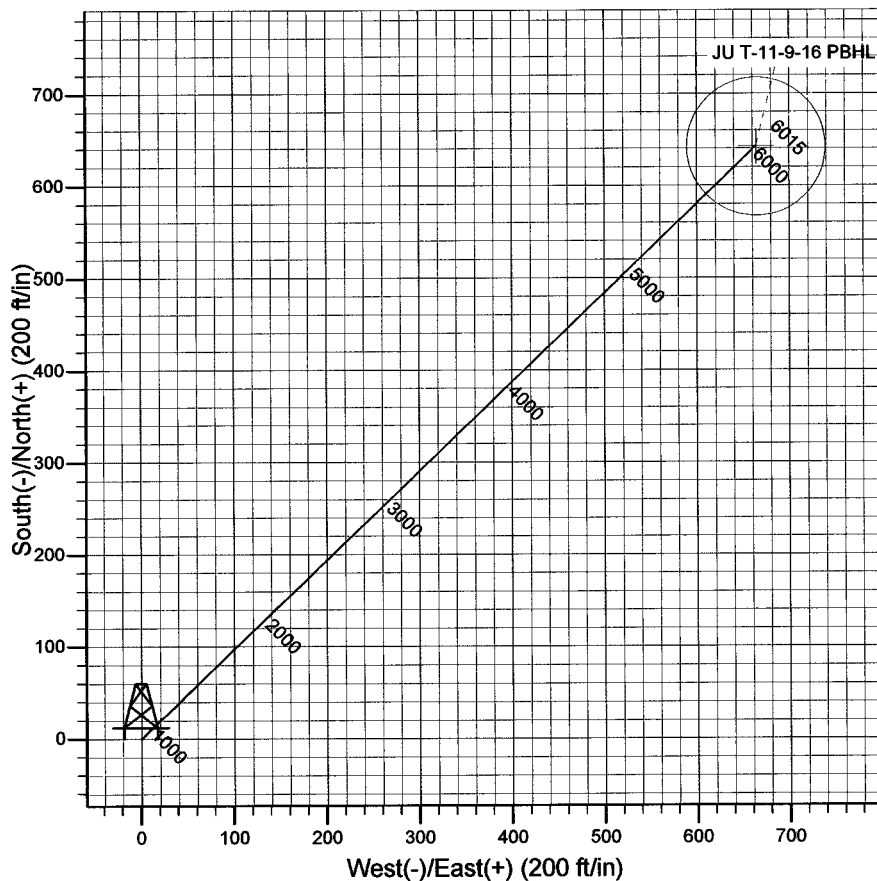
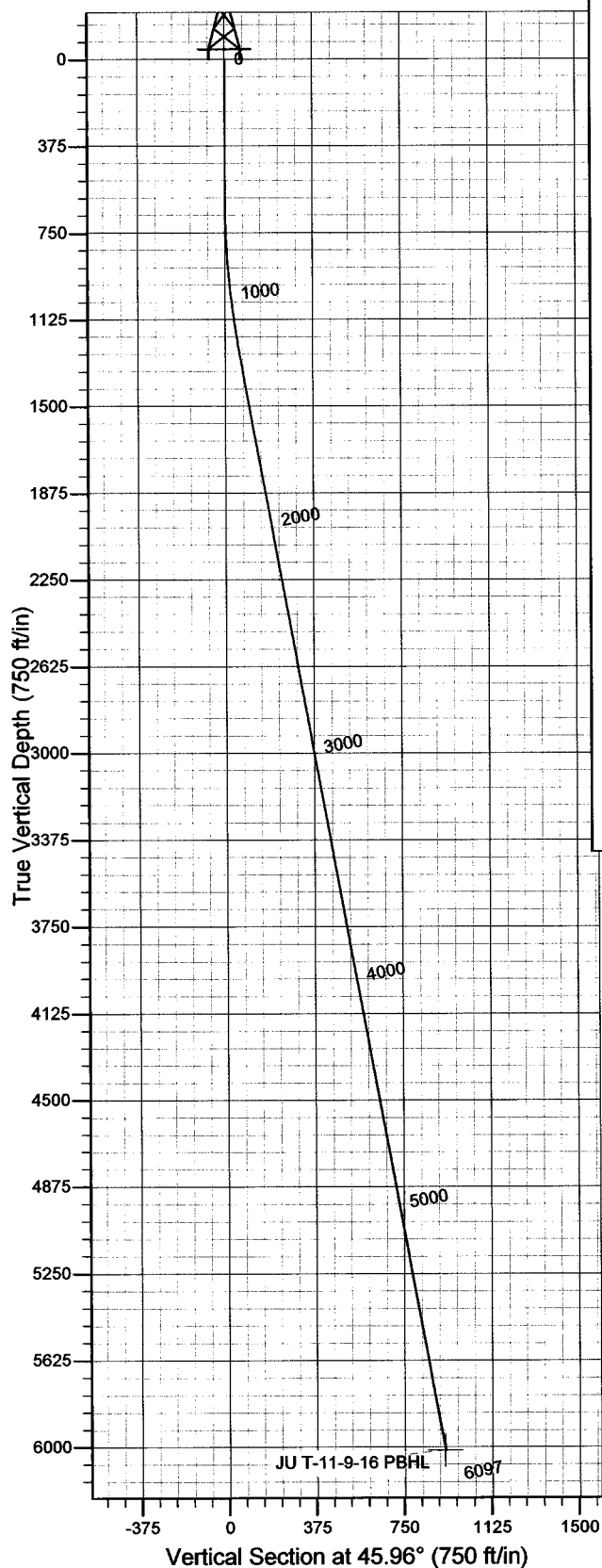


Azimuths to True North
Magnetic North: 11.68°

Magnetic Field
Strength: 52579.2snT
Dip Angle: 65.87°
Date: 2008-07-14
Model: IGRF2005-10

WELL DETAILS: Jonah Unit T-11-9-16

GL 5503' & RKB 12' @ 5515.00ft 5503.00
+N/-S 0.00 +E/-W 0.00 Northing 7186480.92 Easting 2038018.22 Latitude 40° 2' 24.160 N Longitude 110° 4' 47.320 W



Plan: Plan #1 (Jonah Unit T-11-9-16/OH)

Created By: Julie Cruse Date: 2008-07-14

PROJECT DETAILS: Duchesne County, UT NAD83 UTC

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone
Location:
System Datum: Mean Sea Level
Local North: True

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
1288.77	10.33	45.96	1285.04	43.05	44.52	1.50	45.96	61.93	
6096.68	10.33	45.96	6015.00	642.47	664.37	0.00	0.00	924.20	JU T-11-9-16 PBHL

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Jonah Unit

Jonah Unit T-11-9-16

OH

Plan: Plan #1

Standard Planning Report

14 July, 2008

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Jonah Unit
Well: Jonah Unit T-11-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Jonah Unit T-11-9-16
TVD Reference: GL 5503' & RKB 12' @ 5515.00ft
MD Reference: GL 5503' & RKB 12' @ 5515.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Duchesne County, UT NAD83 UTC		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Jonah Unit,			
Site Position:		Northing:	7,195,384.71 ft	Latitude: 40° 3' 51.060 N
From:	Lat/Long	Easting:	2,044,880.81 ft	Longitude: 110° 3' 17.240 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence: 0.93 °

Well	Jonah Unit T-11-9-16, 709' FSL 725' FEL Sec 11 T9S R16E			
Well Position	+N/-S	0.00 ft	Northing:	7,186,480.92 ft
	+E/-W	0.00 ft	Easting:	2,038,018.22 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft	Ground Level: 5,503.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF2005-10	2008-07-14	11.68	65.87	52,579

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	45.96

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,288.77	10.33	45.96	1,285.04	43.05	44.52	1.50	1.50	0.00	45.96	
6,096.68	10.33	45.96	6,015.00	642.47	664.37	0.00	0.00	0.00	0.00	JU T-11-9-16 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Jonah Unit
Well: Jonah Unit T-11-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Jonah Unit T-11-9-16
TVD Reference: GL 5503' & RKB 12' @ 5515.00ft
MD Reference: GL 5503' & RKB 12' @ 5515.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	45.96	699.99	0.91	0.94	1.31	1.50	1.50	0.00
800.00	3.00	45.96	799.91	3.64	3.76	5.23	1.50	1.50	0.00
900.00	4.50	45.96	899.69	8.19	8.46	11.77	1.50	1.50	0.00
1,000.00	6.00	45.96	999.27	14.55	15.04	20.92	1.50	1.50	0.00
1,100.00	7.50	45.96	1,098.57	22.72	23.49	32.68	1.50	1.50	0.00
1,200.00	9.00	45.96	1,197.54	32.69	33.81	47.03	1.50	1.50	0.00
1,288.77	10.33	45.96	1,285.04	43.05	44.52	61.93	1.50	1.50	0.00
1,300.00	10.33	45.96	1,296.09	44.45	45.97	63.95	0.00	0.00	0.00
1,400.00	10.33	45.96	1,394.47	56.92	58.86	81.88	0.00	0.00	0.00
1,500.00	10.33	45.96	1,492.85	69.39	71.75	99.81	0.00	0.00	0.00
1,600.00	10.33	45.96	1,591.23	81.85	84.64	117.75	0.00	0.00	0.00
1,700.00	10.33	45.96	1,689.61	94.32	97.54	135.68	0.00	0.00	0.00
1,800.00	10.33	45.96	1,787.98	106.79	110.43	153.62	0.00	0.00	0.00
1,900.00	10.33	45.96	1,886.36	119.26	123.32	171.55	0.00	0.00	0.00
2,000.00	10.33	45.96	1,984.74	131.72	136.21	189.49	0.00	0.00	0.00
2,100.00	10.33	45.96	2,083.12	144.19	149.11	207.42	0.00	0.00	0.00
2,200.00	10.33	45.96	2,181.50	156.66	162.00	225.35	0.00	0.00	0.00
2,300.00	10.33	45.96	2,279.88	169.12	174.89	243.29	0.00	0.00	0.00
2,400.00	10.33	45.96	2,378.26	181.59	187.78	261.22	0.00	0.00	0.00
2,500.00	10.33	45.96	2,476.64	194.06	200.67	279.16	0.00	0.00	0.00
2,600.00	10.33	45.96	2,575.01	206.53	213.57	297.09	0.00	0.00	0.00
2,700.00	10.33	45.96	2,673.39	218.99	226.46	315.03	0.00	0.00	0.00
2,800.00	10.33	45.96	2,771.77	231.46	239.35	332.96	0.00	0.00	0.00
2,900.00	10.33	45.96	2,870.15	243.93	252.24	350.90	0.00	0.00	0.00
3,000.00	10.33	45.96	2,968.53	256.40	265.13	368.83	0.00	0.00	0.00
3,100.00	10.33	45.96	3,066.91	268.86	278.03	386.76	0.00	0.00	0.00
3,200.00	10.33	45.96	3,165.29	281.33	290.92	404.70	0.00	0.00	0.00
3,300.00	10.33	45.96	3,263.66	293.80	303.81	422.63	0.00	0.00	0.00
3,400.00	10.33	45.96	3,362.04	306.26	316.70	440.57	0.00	0.00	0.00
3,500.00	10.33	45.96	3,460.42	318.73	329.60	458.50	0.00	0.00	0.00
3,600.00	10.33	45.96	3,558.80	331.20	342.49	476.44	0.00	0.00	0.00
3,700.00	10.33	45.96	3,657.18	343.67	355.38	494.37	0.00	0.00	0.00
3,800.00	10.33	45.96	3,755.56	356.13	368.27	512.30	0.00	0.00	0.00
3,900.00	10.33	45.96	3,853.94	368.60	381.16	530.24	0.00	0.00	0.00
4,000.00	10.33	45.96	3,952.31	381.07	394.06	548.17	0.00	0.00	0.00
4,100.00	10.33	45.96	4,050.69	393.54	406.95	566.11	0.00	0.00	0.00
4,200.00	10.33	45.96	4,149.07	406.00	419.84	584.04	0.00	0.00	0.00
4,300.00	10.33	45.96	4,247.45	418.47	432.73	601.98	0.00	0.00	0.00
4,400.00	10.33	45.96	4,345.83	430.94	445.63	619.91	0.00	0.00	0.00
4,500.00	10.33	45.96	4,444.21	443.40	458.52	637.85	0.00	0.00	0.00
4,600.00	10.33	45.96	4,542.59	455.87	471.41	655.78	0.00	0.00	0.00
4,700.00	10.33	45.96	4,640.97	468.34	484.30	673.71	0.00	0.00	0.00
4,800.00	10.33	45.96	4,739.34	480.81	497.19	691.65	0.00	0.00	0.00
4,900.00	10.33	45.96	4,837.72	493.27	510.09	709.58	0.00	0.00	0.00
5,000.00	10.33	45.96	4,936.10	505.74	522.98	727.52	0.00	0.00	0.00
5,100.00	10.33	45.96	5,034.48	518.21	535.87	745.45	0.00	0.00	0.00
5,200.00	10.33	45.96	5,132.86	530.68	548.76	763.39	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Jonah Unit
Well: Jonah Unit T-11-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Jonah Unit T-11-9-16
TVD Reference: GL 5503' & RKB 12' @ 5515.00ft
MD Reference: GL 5503' & RKB 12' @ 5515.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	10.33	45.96	5,231.24	543.14	561.66	781.32	0.00	0.00	0.00
5,400.00	10.33	45.96	5,329.62	555.61	574.55	799.25	0.00	0.00	0.00
5,500.00	10.33	45.96	5,427.99	568.08	587.44	817.19	0.00	0.00	0.00
5,600.00	10.33	45.96	5,526.37	580.54	600.33	835.12	0.00	0.00	0.00
5,700.00	10.33	45.96	5,624.75	593.01	613.22	853.06	0.00	0.00	0.00
5,800.00	10.33	45.96	5,723.13	605.48	626.12	870.99	0.00	0.00	0.00
5,900.00	10.33	45.96	5,821.51	617.95	639.01	888.93	0.00	0.00	0.00
6,000.00	10.33	45.96	5,919.89	630.41	651.90	906.86	0.00	0.00	0.00
6,096.68	10.33	45.96	6,015.00	642.47	664.37	924.20	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
JU T-11-9-16 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,015.00	642.47	664.37	7,187,133.85	2,038,672.30	40° 2' 30.509 N	110° 4' 38.777 W

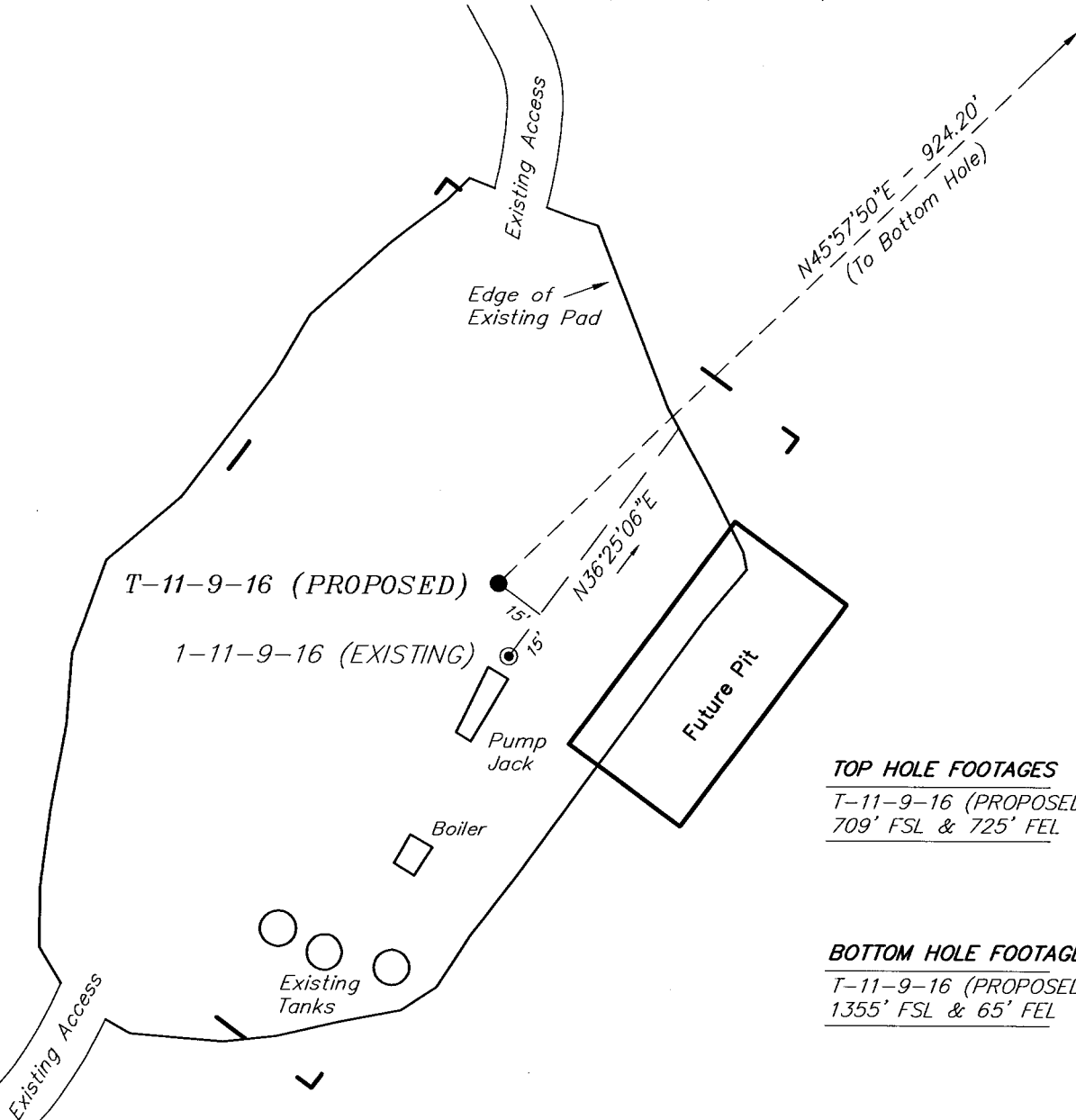
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

JONAH UNIT T-11-9-16 (Proposed Well)

JONAH UNIT 1-11-9-16 (Existing Well)

Pad Location: SESE Section 11, T9S, R16E, S.L.B.&M.



TOP HOLE FOOTAGES

T-11-9-16 (PROPOSED)
709' FSL & 725' FEL

BOTTOM HOLE FOOTAGES

T-11-9-16 (PROPOSED)
1355' FSL & 65' FEL

Note:

Bearings are based
on GLO Information.

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
T-11-9-16	642'	664'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
T-11-9-16	40° 02' 24.16"	110° 04' 47.32"
1-11-9-16	40° 02' 23.95"	110° 04' 47.28"

SURVEYED BY: T.H.	DATE SURVEYED: 02-19-08
DRAWN BY: F.T.M.	DATE DRAWN: 06-05-08
SCALE: 1" = 50'	REVISED:

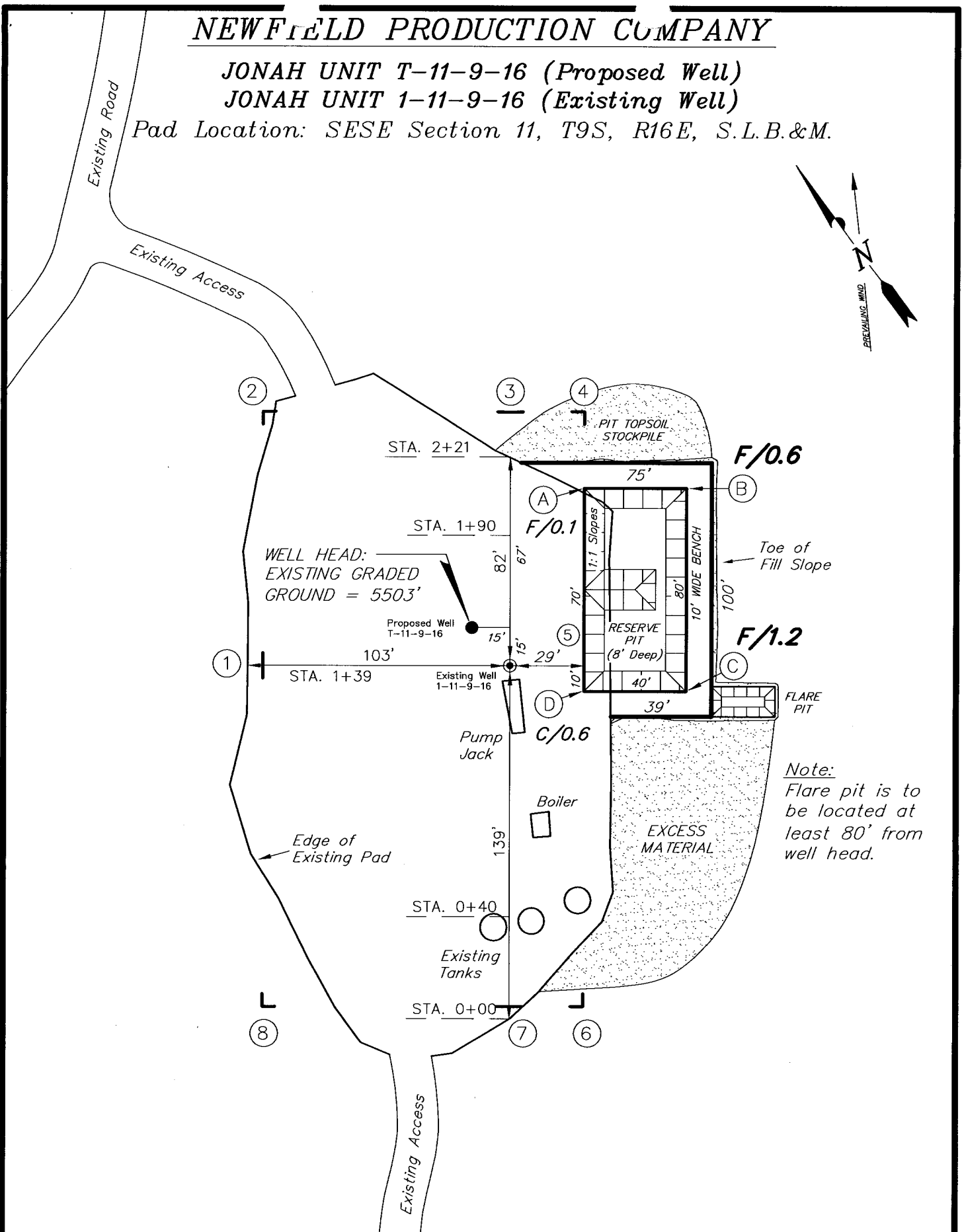
Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

JONAH UNIT T-11-9-16 (Proposed Well)

JONAH UNIT 1-11-9-16 (Existing Well)

Pad Location: SESE Section 11, T9S, R16E, S.L.B.&M.



Note:
Flare pit is to be located at least 80' from well head.

SURVEYED BY: T.H.	DATE SURVEYED: 02-19-08
DRAWN BY: F.T.M.	DATE DRAWN: 06-05-08
SCALE: 1" = 50'	REVISED:

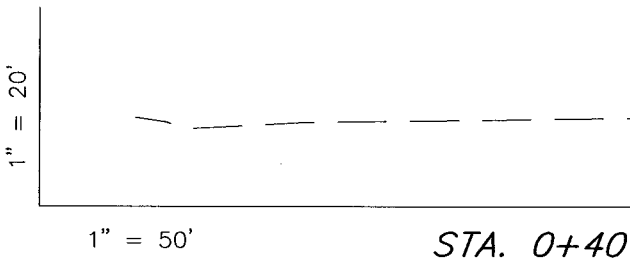
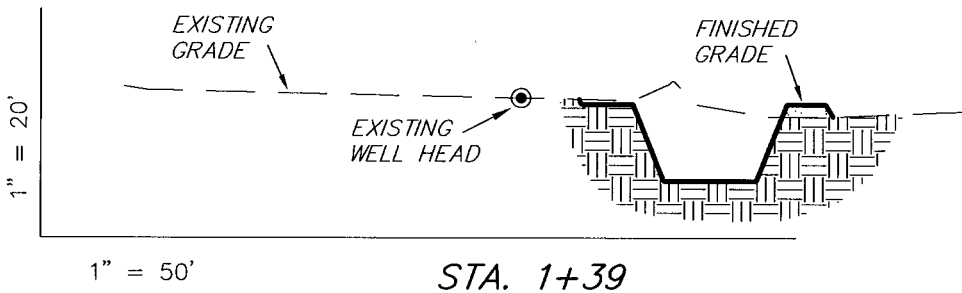
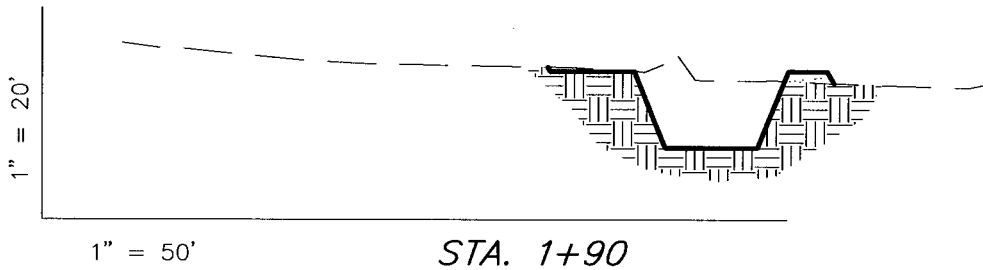
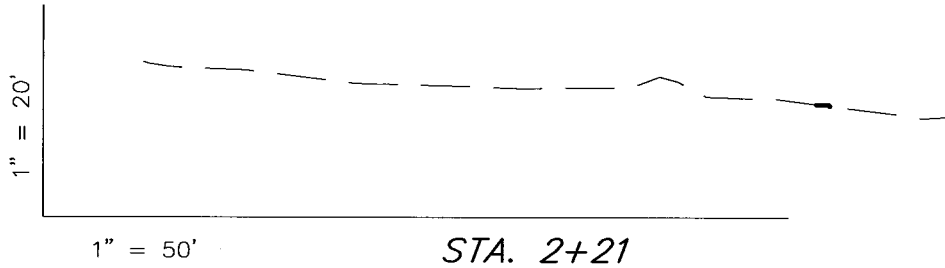
Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEW FIELD PRODUCTION COMPANY

CROSS SECTIONS

JONAH UNIT T-11-9-16 (Proposed Well)

JONAH UNIT 1-11-9-16 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	80	80	Topsoil is not included in Pad Cut	0
PIT	580	0		580
TOTALS	660	80	140	580

SURVEYED BY: T.H.	DATE SURVEYED: 02-19-08
DRAWN BY: F.T.M.	DATE DRAWN: 06-05-08
SCALE: 1" = 50'	REVISED:

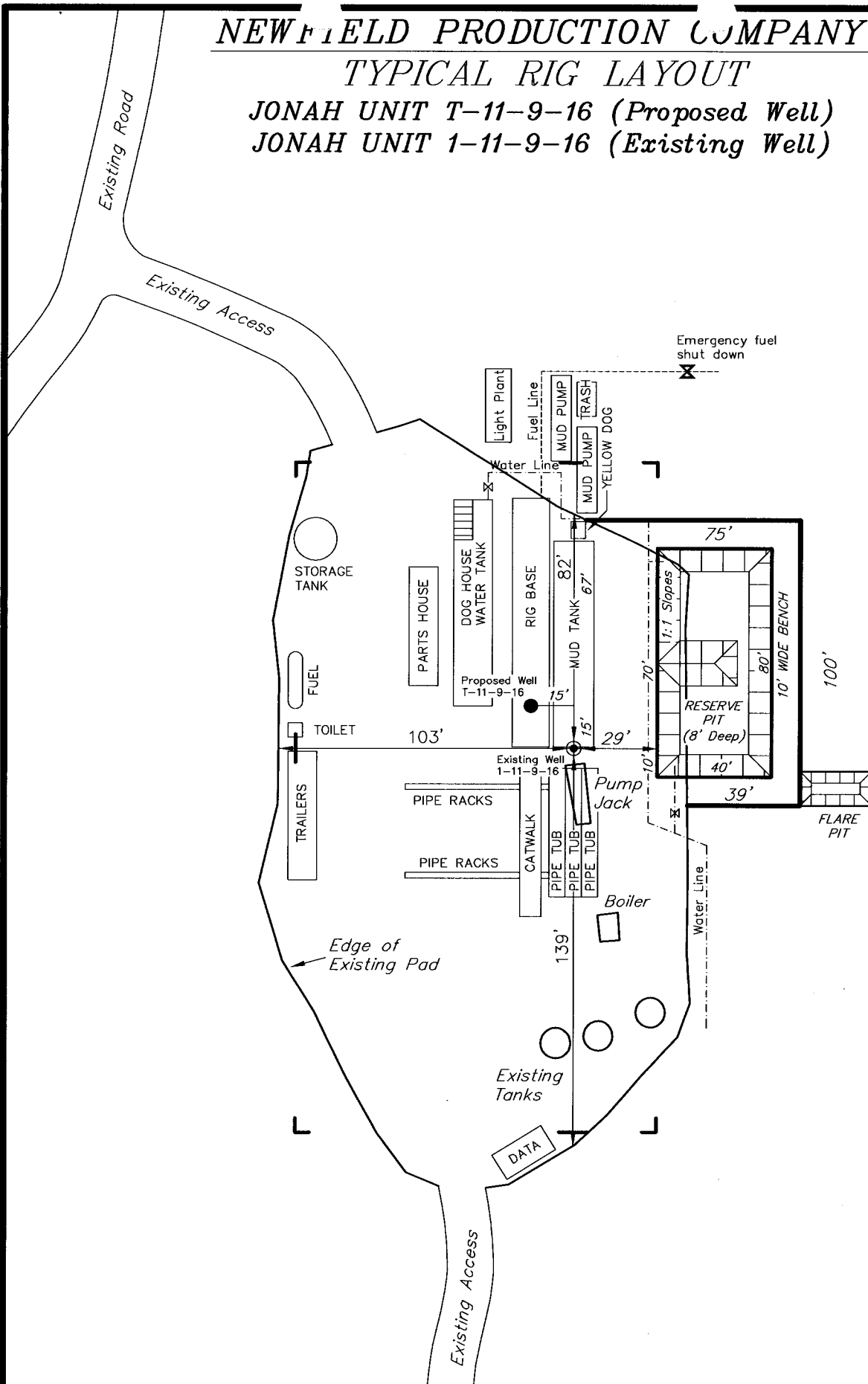
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

JONAH UNIT T-11-9-16 (Proposed Well)

JONAH UNIT 1-11-9-16 (Existing Well)



Note:
Flare pit is to be located at least 80' from well head.

SURVEYED BY: T.H.	DATE SURVEYED: 02-19-08
DRAWN BY: F.T.M.	DATE DRAWN: 06-05-08
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

Newfield Production Company Proposed Site Facility Diagram

Jonah Federal T-11-9-16

From the Walton Fed. #1 Location

SE/SE Sec. 11, T9S, R16E

Duchesne County, Utah

UTU-096550

Site Security Plan is held at the Pleasant Valley
Office, Duchesne County Utah

Production Phase:

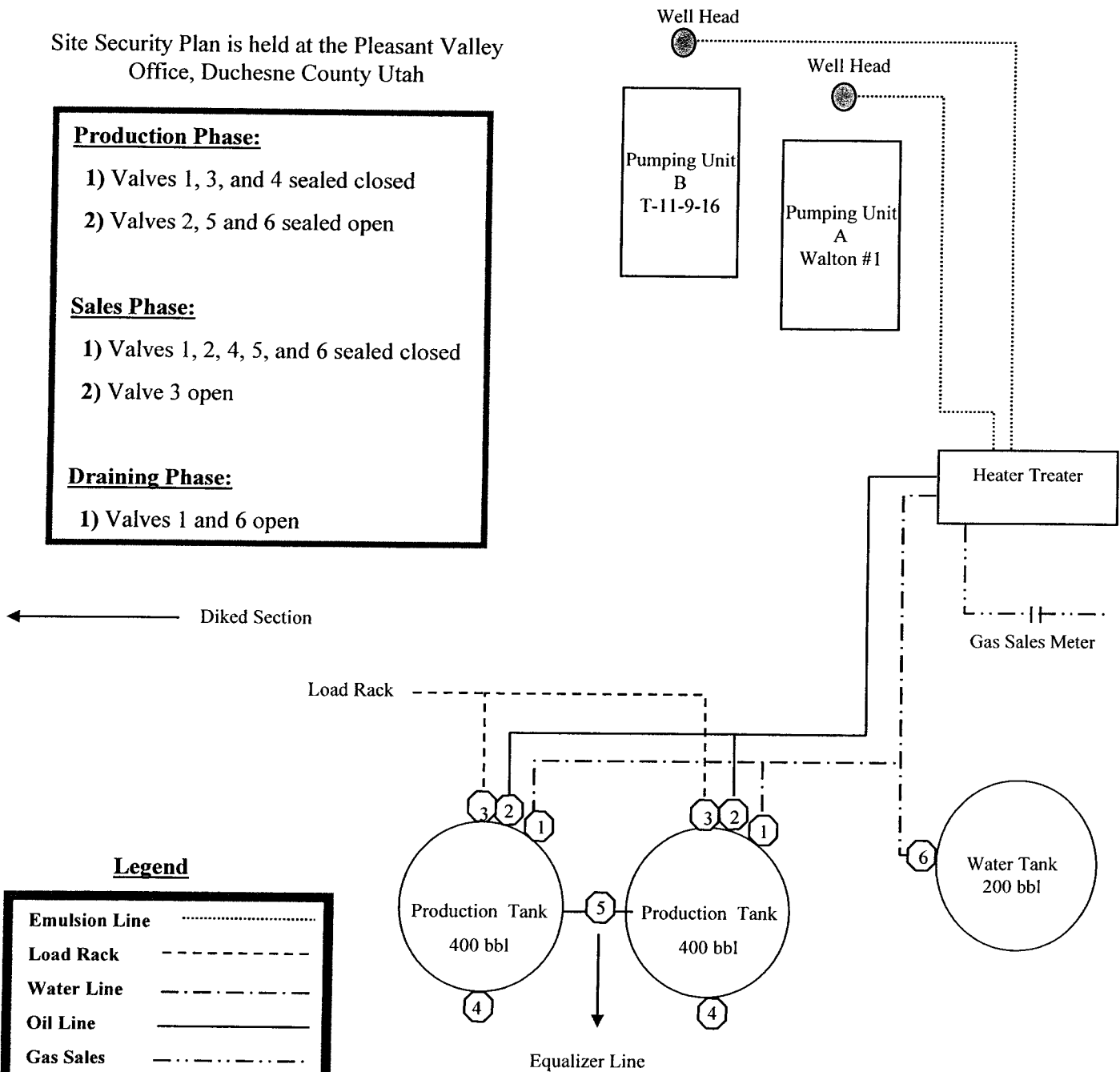
- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5 and 6 sealed open

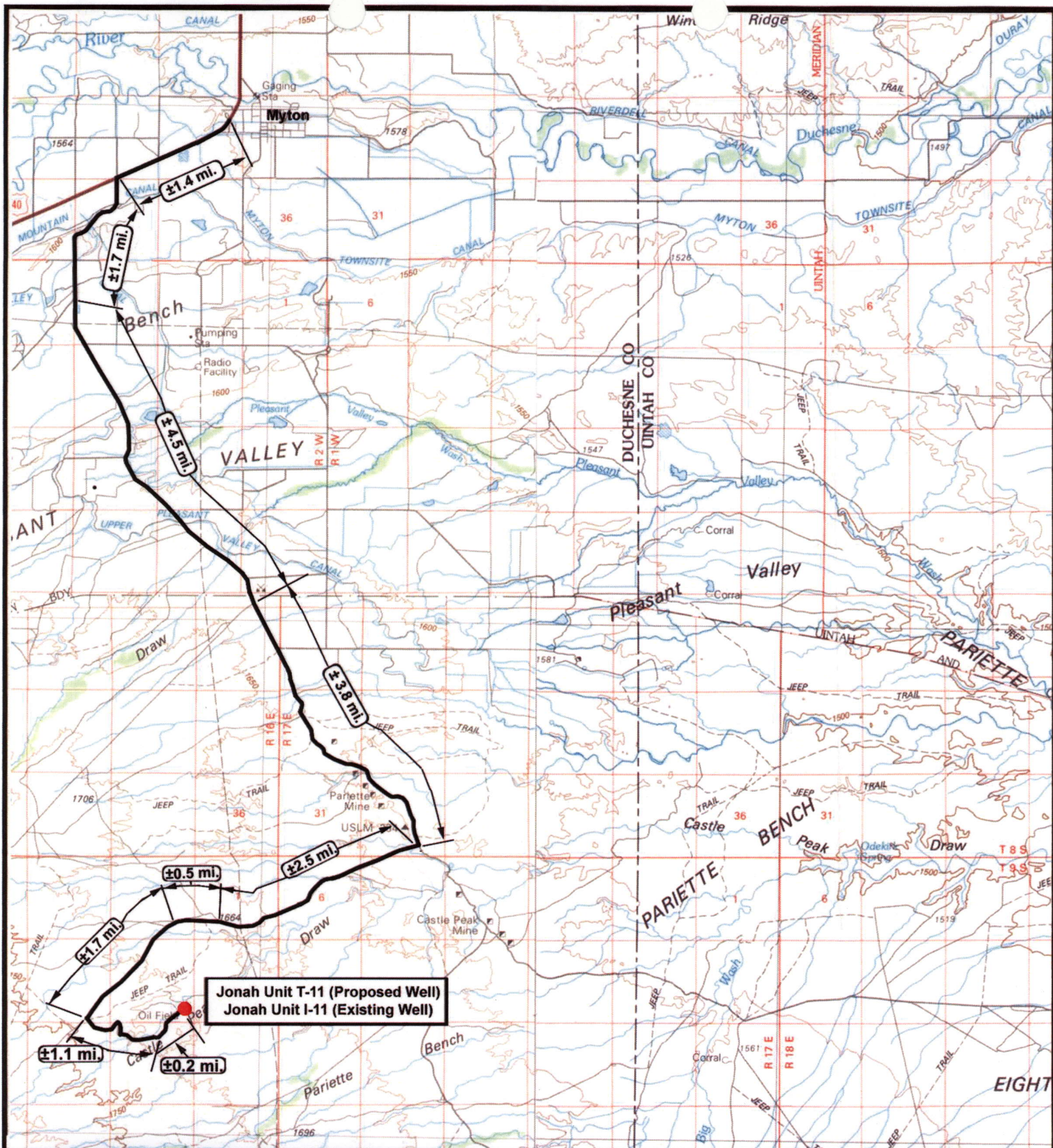
Sales Phase:

- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open





NEWFIELD
Exploration Company

Jonah Unit T-11-9-16 (Proposed Well)
Jonah Unit I-11-9-16 (Existing Well)
Pad Location: SESE SEC. 11, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

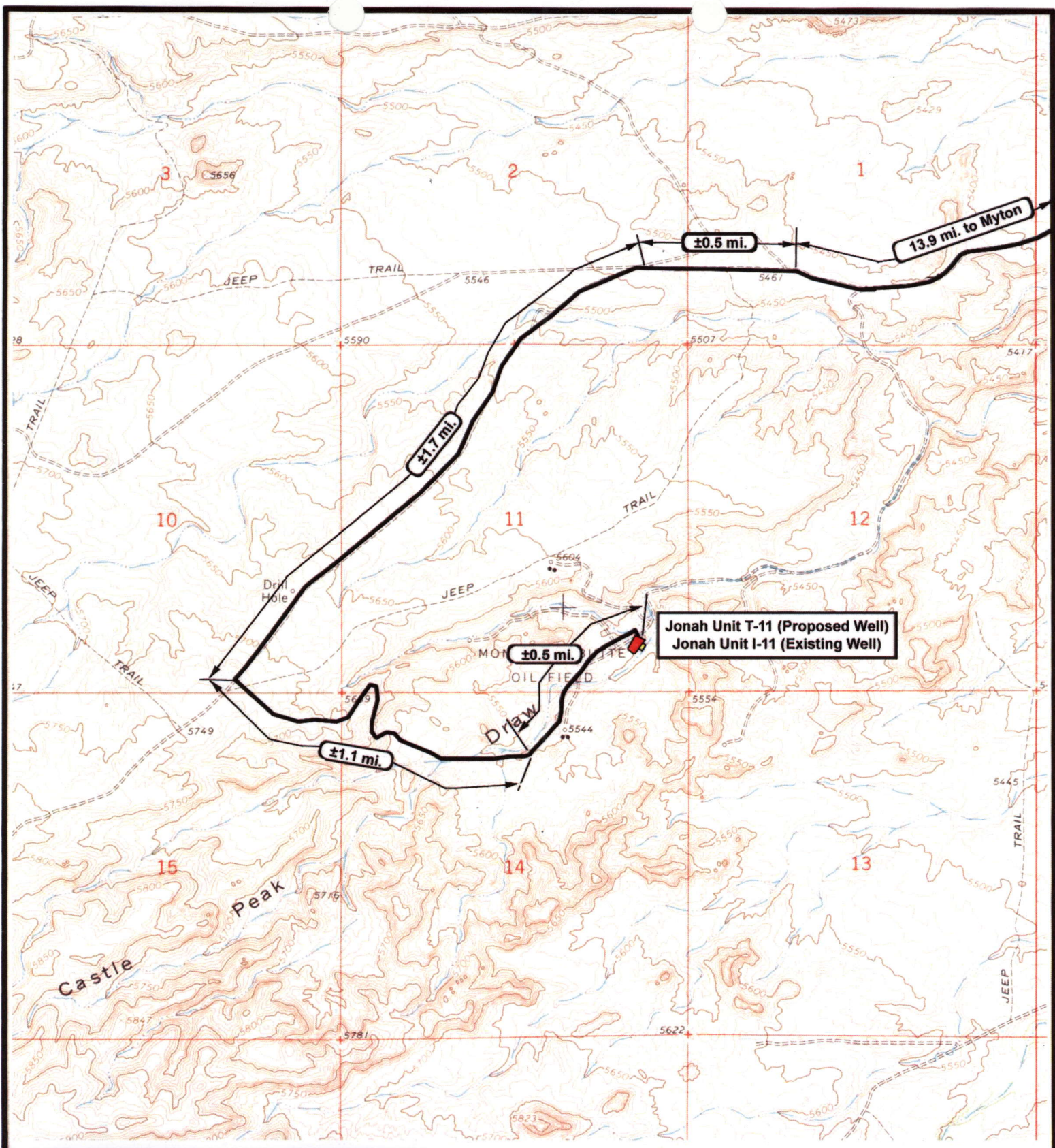
SCALE: 1:100,000
DRAWN BY: JAS
DATE: 06-19-2008




Legend

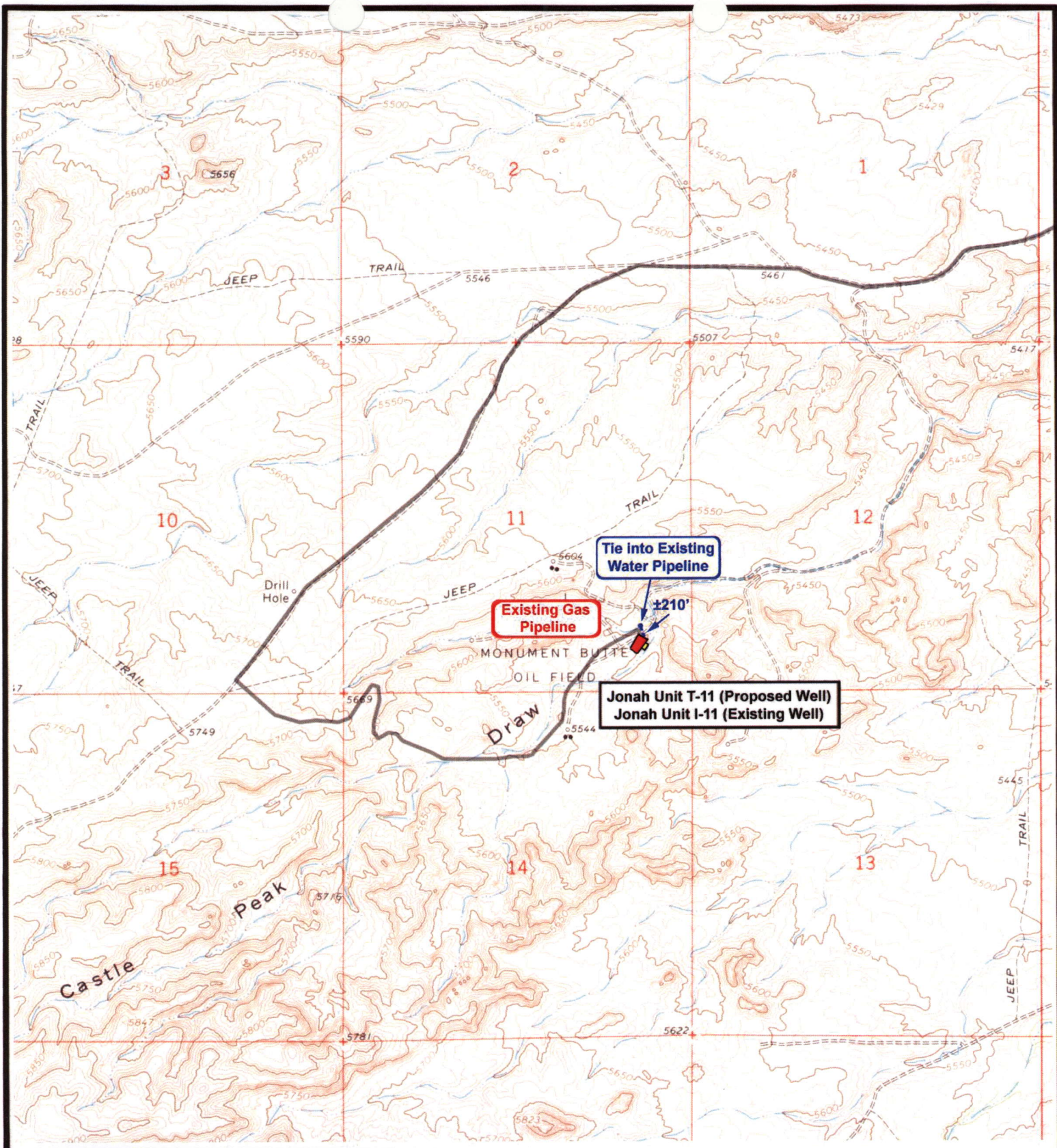
Existing Road


TOPOGRAPHIC MAP

"A"



 <p>NEWFIELD Exploration Company</p> <p>Jonah Unit T-11-9-16 (Proposed Well) Jonah Unit I-11-9-16 (Existing Well) Pad Location SESE SEC. 11, T9S, R16E, S.L.B.&M.</p>		 <p>Tri-State Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p> <p>SCALE: 1" = 2000' DRAWN BY: JAS DATE: 06-19-2008</p>	<p>Legend</p> <p>Existing Road</p> <p>TOPOGRAPHIC MAP</p> <p>"B"</p>
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NEWFIELD
Exploration Company

Jonah Unit T-11-9-16 (Proposed Well)
Jonah Unit I-11-9-16 (Existing Well)
 Pad Location SESE SEC. 11, T9S, R16E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

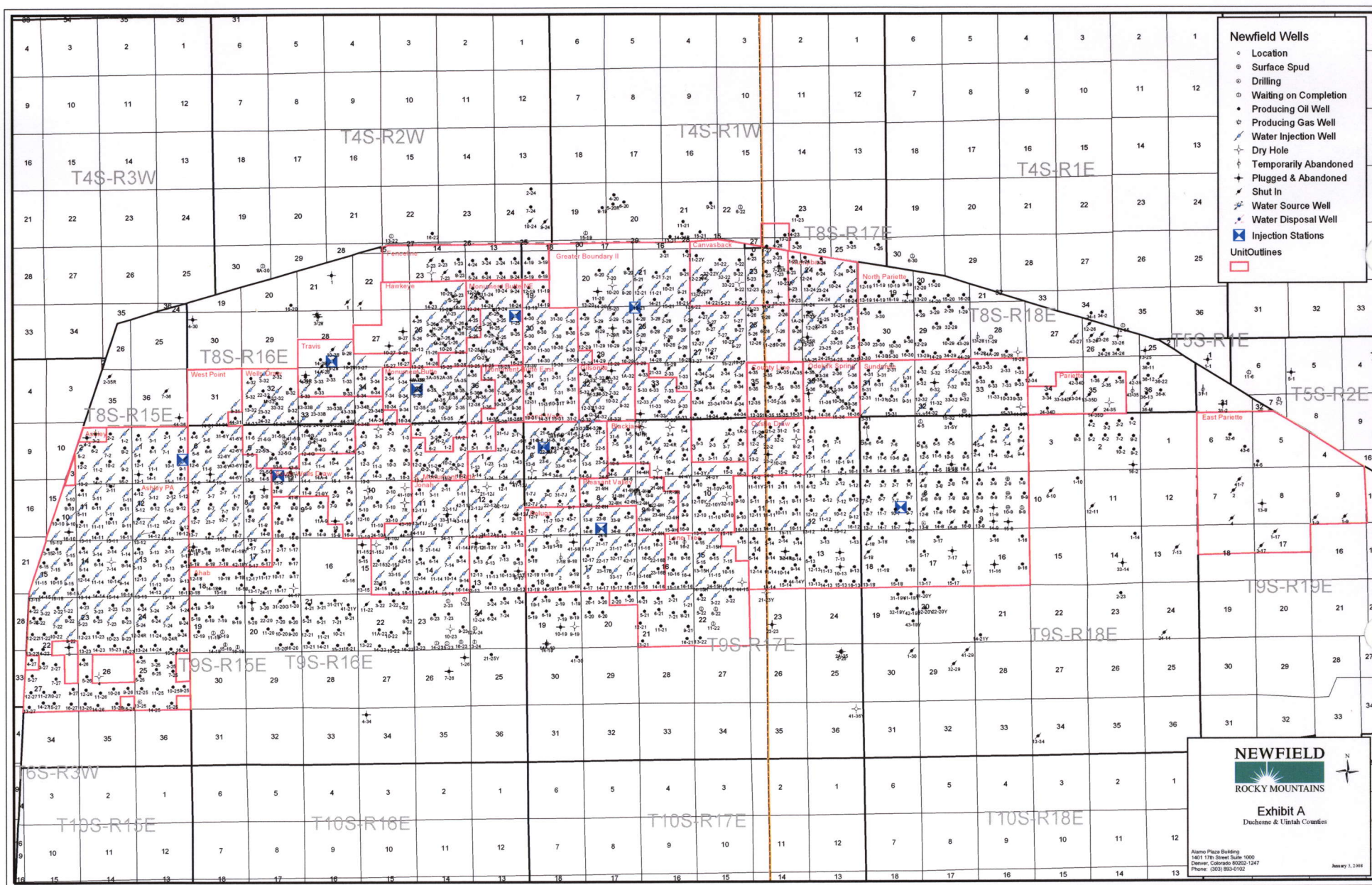
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 DRAWN BY: JAS
 DATE: 06-19-2008

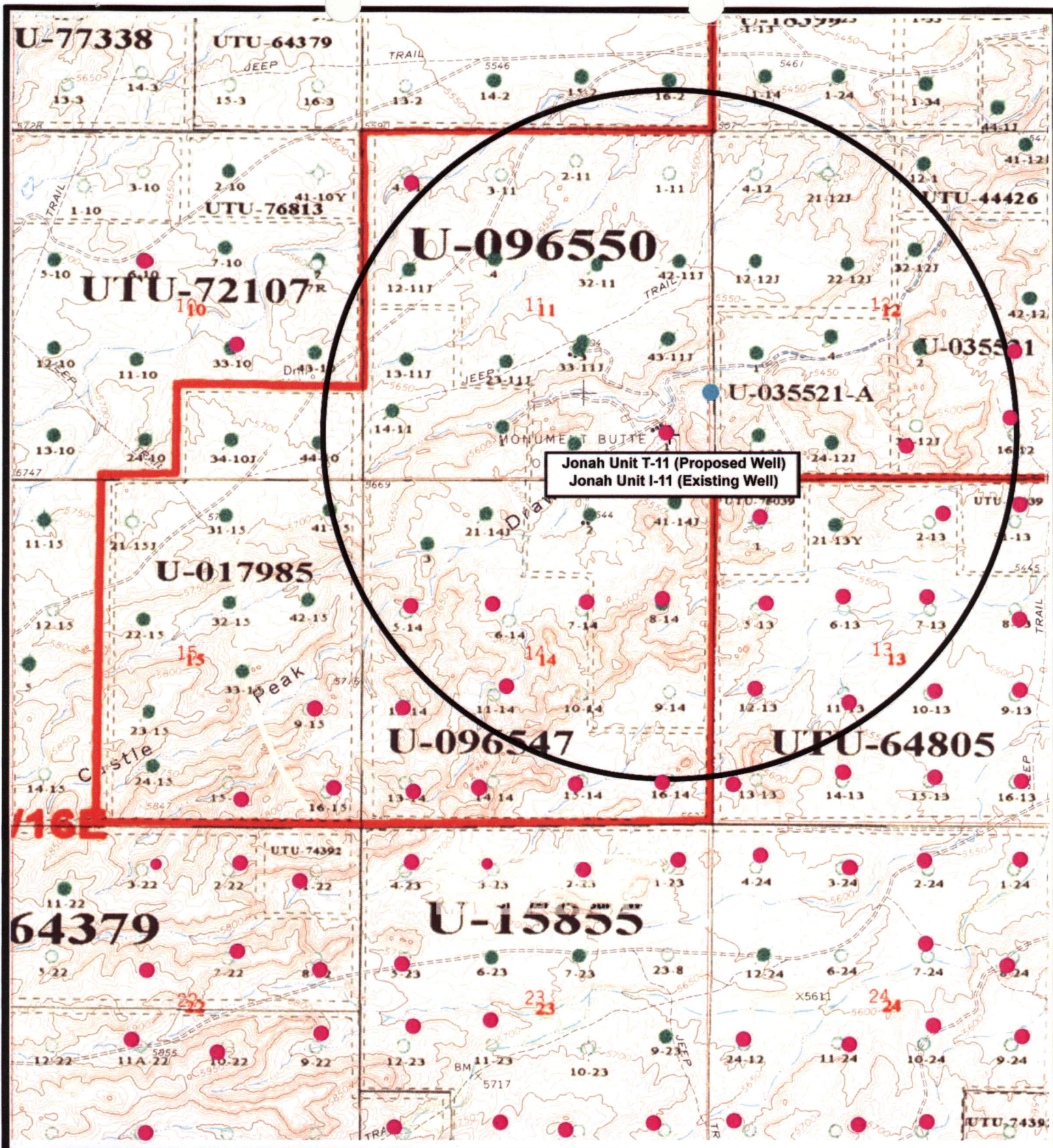
Legend

— Roads
 - - - Proposed Water Line

TOPOGRAPHIC MAP

"C"





NEWFIELD
Exploration Company

Jonah Unit T-11-9-16 (Proposed Well)
Jonah Unit I-11-9-16 (Existing Well)
Pad Location SESE SEC. 11, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: JAS
DATE: 06-19-2008

Legend

- Pad Location
- Bottom Hole Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

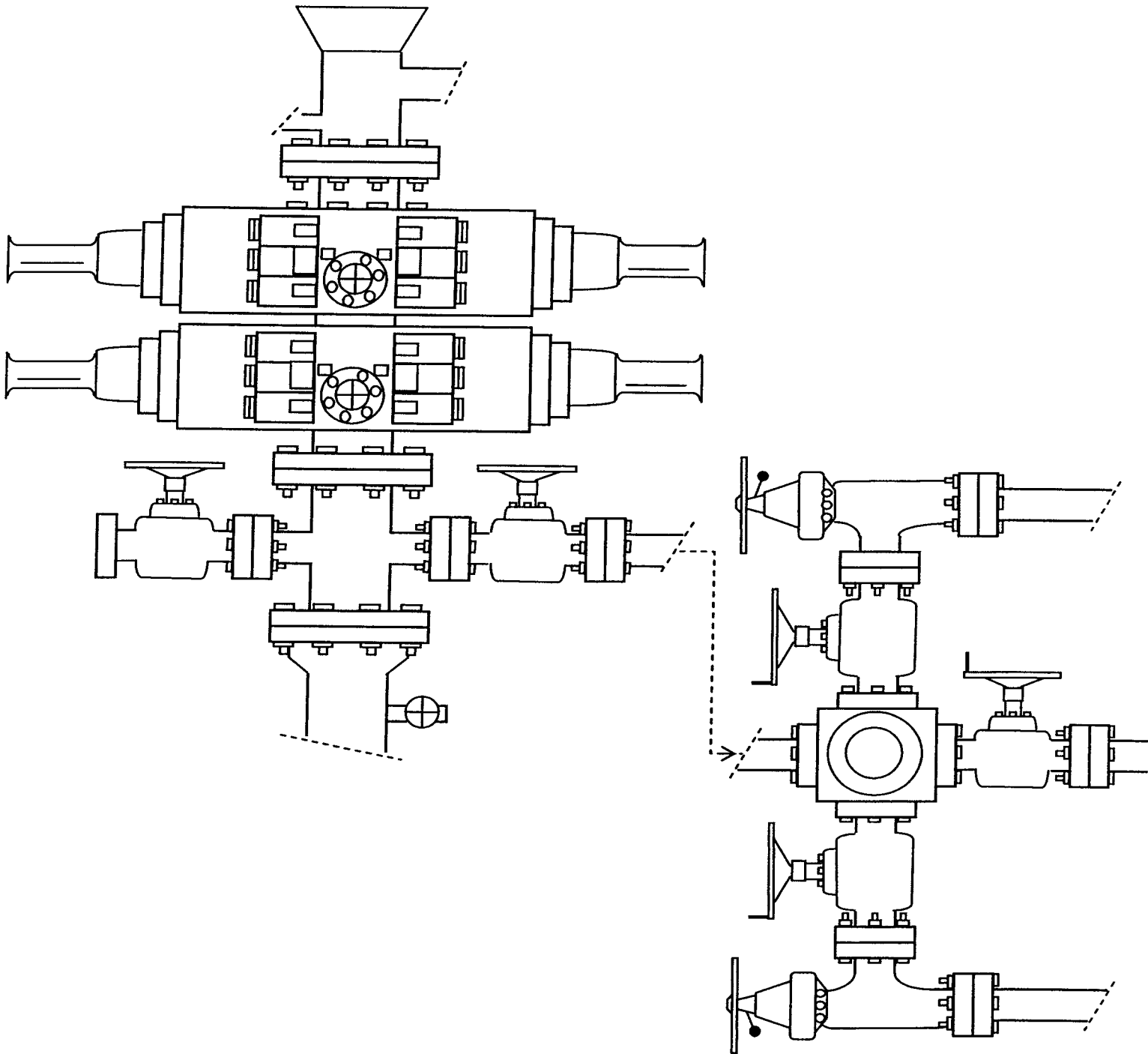


EXHIBIT C

EXHIBIT 'D'
1 of 2

**CULTURAL RESOURCE INVENTORY OF
THE JONAH UNIT WELLS 1-11, 2-11, 3-11,
AND THE SOUTH WELLS DRAW UNIT 15-34
IN DUCHESNE COUNTY, UTAH**

JBR Cultural Resource Report 00-14

prepared for
Inland Resources Inc.
Denver, Colorado

submitted by

JBR Environmental Consultants Inc.
Springville, UT

April 24, 2000

Federal BLM Permit No. 99UT55134
Utah State Project Authorization No. U-00-JB-0146b

MAILED

MAY 22 2000

DIVISION OF
OIL, GAS AND MINES

INLAND RESOURCES, INC.

**PALEONTOLOGICAL SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
SOUTHEASTERN DUCHESNE COUNTY, UTAH**

(Sections 5, 6, 11, and 12, Township 9 South, Range 16 East)

REPORT OF SURVEY

Prepared for
Inland Resources, Inc.

By Wade E. Miller
Consulting Paleontologist
March 27, 2000

WM #00-03

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/08/2008

API NO. ASSIGNED: 43-013-34080

WELL NAME: JONAH FED T-11-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

PROPOSED LOCATION:

SESE 11 090S 160E

SURFACE: 0709 FSL 0725 FEL

BOTTOM: 1355 FSL 0065 FEL

COUNTY: DUCHESNE

LATITUDE: 40.04002 LONGITUDE: -110.0790

UTM SURF EASTINGS: 578570 NORTHINGS: 4432395

FIELD NAME: MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-096550

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-7478)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

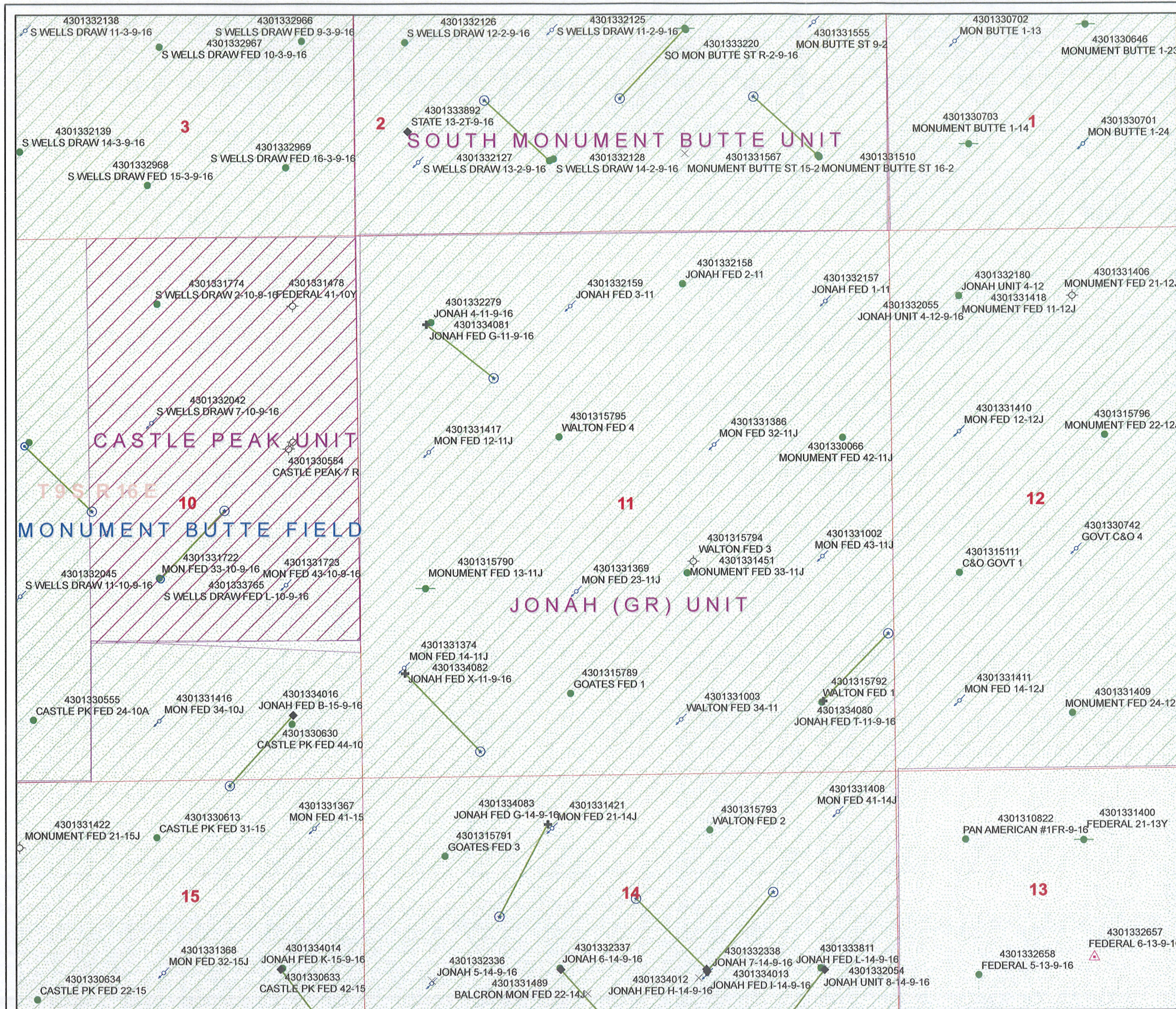
☐ R649-2-3.
Unit: JONAH (GRRV)
☐ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
☐ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 228-2
Eff Date: 7-16-1993
Siting: *Does Not Suspend Gen. Siting*
☒ R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

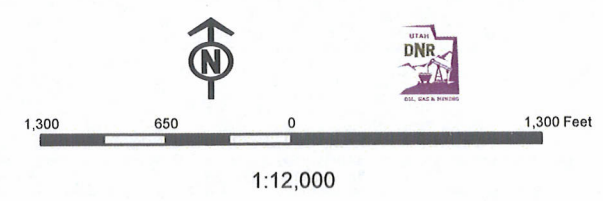
1. Federal Approval



API Number: 4301334080
Well Name: JONAH FED T-11-9-16
Township 09.0 S Range 16.0 E Section 11
Meridian: SLBM
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

- | Units | Wells Query Events |
|---------------|----------------------|
| STATUS | <all other values> |
| ACTIVE | GIS_STAT_TYPE |
| EXPLORATORY | <Null> |
| GAS STORAGE | APD |
| NF PP OIL | DRL |
| NF SECONDARY | GI |
| PI OIL | GS |
| PP GAS | LA |
| PP GEOTHERML | NEW |
| PP OIL | OPS |
| SECONDARY | PA |
| TERMINATED | PGW |
| Fields | POW |
| STATUS | RET |
| ACTIVE | SGW |
| COMBINED | SOW |
| Sections | TA |
| Township | TW |
| | WD |
| | WI |
| | WS |
| | Bottom Hole Location |





September 4, 2008

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Jonah Federal T-11-9-16
Jonah Unit
UTU-72086A
Surface Hole: T9S R16E, Section 11: SESE
709' FSL 725' FEL
Bottom Hole: T9S R16E, Section 11
1355' FSL 65' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated August 27, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Jonah Unit UTU-72086A. Newfield certifies that it is the Jonah Unit Operator and all lands within 460 feet of the entire directional well bore are within the Jonah Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

RECEIVED

SEP 08 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

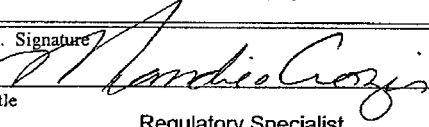
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-096550
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Jonah Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Jonah Federal T-11-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/SE 709' FSL 725' FEL At proposed prod. zone 1355' FSL 65' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 17.7 miles south of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 11, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 65' f/iso, 1405' f/unit	16. No. of Acres in lease 840.00	12. County or Parish Duchesne
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1289'	17. Spacing Unit dedicated to this well 20 Acres	13. State UT
19. Proposed Depth 6015'	20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5503' GL	22. Approximate date work will start* 4th Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 8/27/08
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

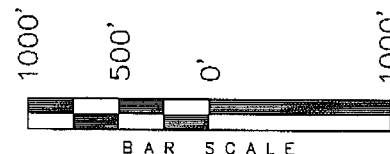
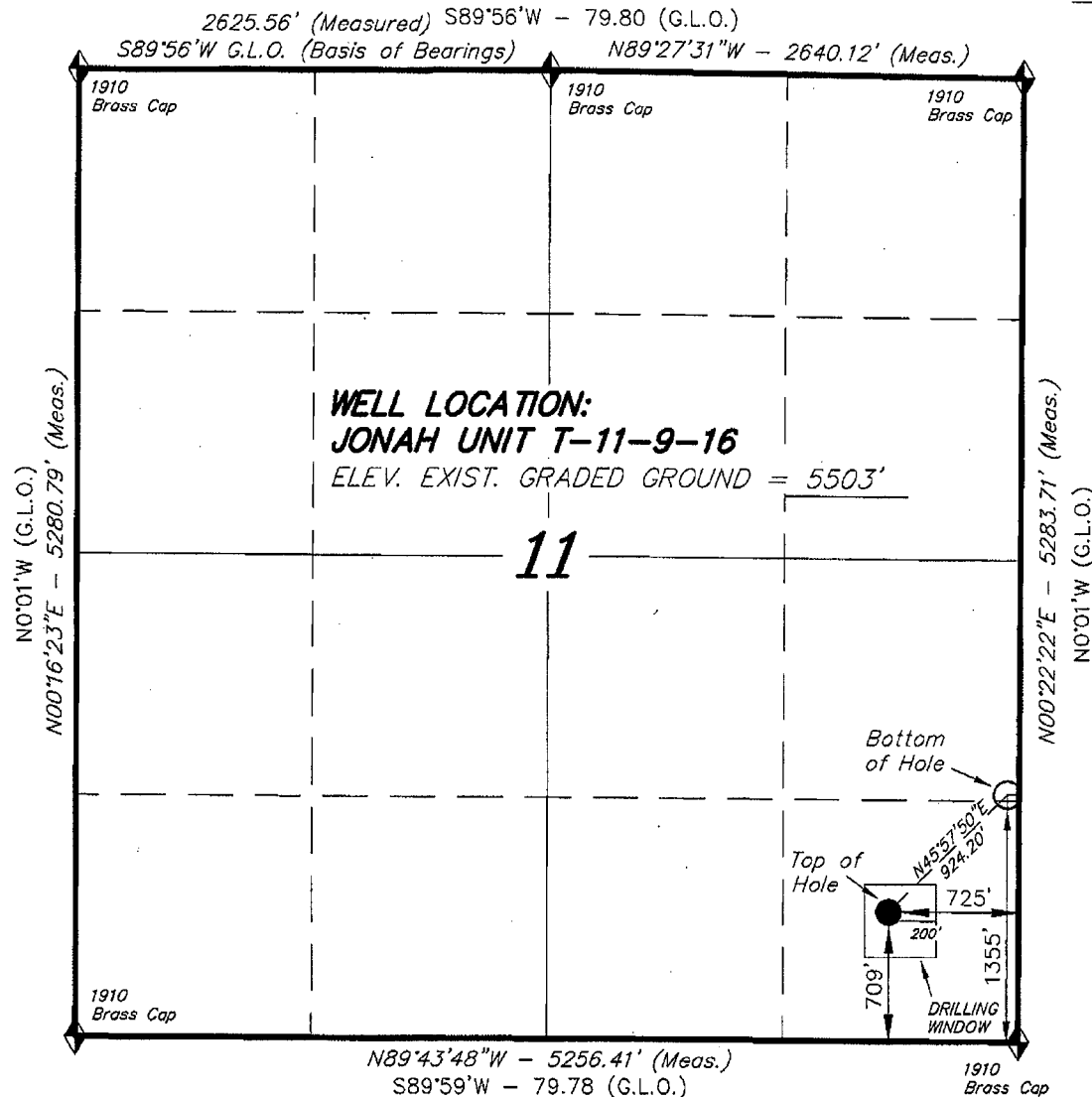
*(Instructions on reverse)

RECEIVED
SEP 08 2008
DIV. OF OIL, GAS & MINING

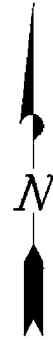
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

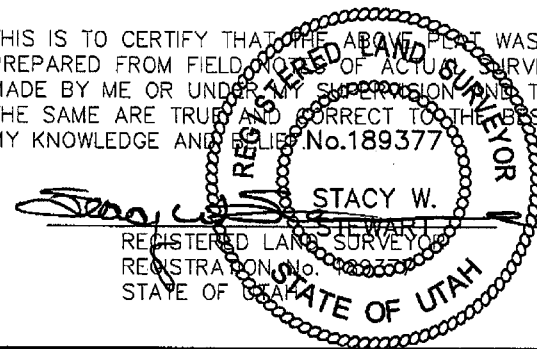
WELL LOCATION, JONAH UNIT T-11-9-16,
LOCATED AS SHOWN IN THE SE 1/4 SE
1/4 OF SECTION 11, T9S, R16E, S.L.B.&M.
DUCHESNE COUNTY, UTAH.



Note:
1. The bottom of hole footages
are 1355' FSL & 65' FEL.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED
BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

JONAH UNIT T-11-9-16
(Surface Location) NAD 83
LATITUDE = 40° 02' 24.16"
LONGITUDE = 110° 04' 47.32"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 05-13-08	SURVEYED BY: T.H.
DATE DRAWN: 06-02-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160
(UT-922)

September 16, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Jonah Unit, Duchesne County,
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Jonah Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-34080	Jonah Fed T-11-9-16 Sec 11 T09S R16E 0709 FSL 0725 FEL BHL Sec 11 T09S R16E 1355 FSL 0065 FEL	
43-013-34081	Jonah Fed G-11-9-16 Sec 11 T09S R16E 0851 FNL 0706 FWL BHL Sec 11 T09S R16E 1380 FNL 1365 FWL	
43-013-34082	Jonah Fed X-11-9-16 Sec 11 T09S R16E 1031 FSL 0438 FWL BHL Sec 11 T09S R16E 0260 FSL 1170 FWL	
43-013-34083	Jonah Fed G-14-9-16 Sec 14 T09S R16E 0457 FNL 1827 FWL BHL Sec 14 T09S R16E 1350 FNL 1345 FWL	

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File – Jonah Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 17, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Jonah Federal T-11-9-16 Well, Surface Location 709' FSL, 725' FEL, SE SE, Sec. 11,
T. 9 South, R. 16 East, Bottom Location 1355' FSL, 65' FEL, SE SE, Sec. 11,
T. 9 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-34080.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Field Office



Operator: Newfield Production Company
Well Name & Number Jonah Federal T-11-9-16
API Number: 43-013-34080
Lease: UTU-096550

Surface Location: SE SE Sec. 11 T. 9 South R. 16 East
Bottom Location: SE SE Sec. 11 T. 9 South R. 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

RECEIVED
VERNAL FIELD OFFICE

DEC 5 PM 12 52

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEPT OF THE INTERIOR
BUREAU OF LAND MGMT

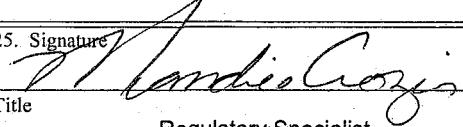
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-096550	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A	
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Jonah Unit	
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Jonah Federal T-11-9-16	
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-34080	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/SE 709' FSL 725' FEL At proposed prod. zone 1355' FSL 65' FEL		10. Field and Pool, or Exploratory Monument Butte	
14. Distance in miles and direction from nearest town or post office* Approximatley 17.7 miles south of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 11, T9S R16E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 65' f/lse, 1405' f/unit	16. No. of Acres in lease 840.00	17. Spacing Unit dedicated to this well 20 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1289'	19. Proposed Depth 6015'	20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5503' GL	22. Approximate date work will start* 4th Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.	

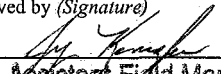
24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 8/27/08
---	--	-----------------

Title
Regulatory Specialist

Approved by (Signature) 	Name (Printed/Typed) Terry Kewzer	DEC 24 2008
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

DEC 30 2008

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

NCS 07/08/08

AFMSS# 08 PPO 955A

4006M



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr McGee Oil & Gas
Well No: Jonah Federal T-11-9-16
API No: 43-013-34080

Location: SESE, Sec. 11, T9S, R16E
Lease No: UTU-096550
Agreement: Jonah Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC CONDITIONS OF APPROVAL

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be **seeded using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Forage Kochia	<i>Kochia Prostrata</i>	0.20	1/2"
Squirreltail grass	<i>Elymus elymoides</i>	3.0	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	1/8 - 1/4"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.
-

- **Final reclamation:**

- Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim unless otherwise instructed.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- A copy of Newfield's Standard Operating Practices (SOP version: dated 4/18/08 and approved 5/12/08) shall be on location.
- Drilling plan specifics and practices are referenced in the Newfield Standard Operating Procedures (SOP version: April 18, 2008). The operators drilling plan items 4 to 8 reference the SOP. Newfield shall adhere to the referenced requirements in the SOP.
- Newfield and their contractors shall adhere to all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders except where variances have been granted.
- Production casing cement shall be brought up and into the surface.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- Logging: A Gamma Ray well Log shall be run from the well Total Depth to the surface. A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.
- A copy of the as drilled directional survey shall be submitted to the BLM Vernal Field Office.
- Well location TD bottom footage hole location information on the completion form 3160-4 Well Completion or Recompletion Report and Log should match and be in agreement with the from the actual drilling directional survey well departure values for the TD bottom hole location.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil &

Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

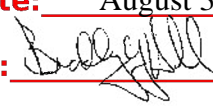
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: JONAH (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: JONAH FED T-11-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0709 FSL 0725 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 11 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013340800000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/31/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: _____ </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield Production Company requests to extend the Permit to Drill this well for one year.		
Approved by the Utah Division of Oil, Gas and Mining Date: <u>August 31, 2009</u> By: 		
NAME (PLEASE PRINT) Mandie Crozier		PHONE NUMBER 435 646-4825
SIGNATURE N/A		TITLE Regulatory Tech DATE 8/31/2009

RECEIVED August 31, 2009



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013340800000

API: 43013340800000

Well Name: JONAH FED T-11-9-16

Location: 0709 FSL 0725 FEL QTR SESE SEC 11 TWP 090S RNG 160E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 9/17/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Mandie Crozier

Date: 8/31/2009

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: August 31, 2009

By:

RECEIVED August 31, 2009

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Section 11 T9S R16E

5. Lease Serial No.

USA UTU-096550

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
JONAH UNIT

8. Well Name and No.
JONAH T-11-9-16

9. API Well No.
4301334080

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 9/25/09 MIRU Ross # 29. Spud well @ 8:00am. Drill 315' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 319.51'/KB On 10/1/09 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Title

Drilling Foreman

Signature

Date

10/02/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

OCT 14 2009

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT	319.51
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LAST CASING 8 5/8" SET AT 319.51

DATUM 12.00

DATUM TO CUT OFF CASING 12.00

DATUM TO BRADENHEAD FLANGE 12.00

TD DRILLER 315 LOGGER

HOLE SIZE 12 1/4"

OPERATOR **Newfield Exploration Company**

WELL JONAH T-11-9-16

FIELD/PROSPECT **Monument Butte**

CONTRACTOR & RIG # **Ross Rig #29**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		WHI-92 Csg Head			8rd	A	0.95
7	8 5/8"	Maverick ST&C Csg. (Shoe JT. 43.93')	24#	J-55	8rd	A	307.66
1	8 5/8"	Guide Shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			309.51
TOTAL LENGTH OF STRING		309.51	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			319.51
TOTAL		307.66	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		307.66	7				
TIMING							
BEGIN RUN CSG.	Spud	8:00 AM	9/25/2009	GOOD CIRC THRU JOB Yes			
CSG. IN HOLE		3:00 PM	9/25/2009	Bbls CMT CIRC TO SURFACE 5			
BEGIN CIRC		12:15 PM	10/1/2009	RECIPROCATED PIPE No			
BEGIN PUMP CMT		12:25 PM	10/1/2009				
BEGIN DSPL. CMT		12:32 PM	10/1/2009	BUMPED PLUG TO 344			
PLUG DOWN		12:38 PM	10/1/2009				

[illegible]

COMPANY REPRESENTATIVE

DATE **10/1/2009**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

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Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Section 11 T9S R16E

5. Lease Serial No.

USA UTU-096550

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

JONAH UNIT

8. Well Name and No.

JONAH T-11-9-16

9. API Well No.

4301334080

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/5/09 MIRU NDSI #2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 273'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6030'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 135 jt's of 5.5 J-55, 15.5# csgn. Set @ 6028.13'KB. Cement with 250 sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 25 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 82,000 #'s tension. Release rig @ 12:30pm on 10/11/09.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Jay Burton

Signature

Title

Drilling Foreman

Date

10/12/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

OCT 14 2009

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6028.13

LAST CASING	<u>8 5/8"</u>	SET AT	<u>319.51</u>
DATUM	<u>12</u>		
DATUM TO CUT OFF CASING		<u>12</u>	
DATUM TO BRADENHEAD FLANGE			<u>12</u>
TD DRILLER	<u>6030</u>	LOGG	<u>6042</u>
HOLE SIZE	<u>7 7/8"</u>		

OPERATOR Newfield Exploration Company
WELL JONAH T-11-9-16
FIELD/PROSPECT Monument Butte
CONTRACTOR & RIG # NDSI #2

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1	5 1/2"	Landing joint	15.5	J-55	LTC	A	14
134	5 1/2"	casing	15.5	J-55	LTC	A	5994.88
1	5 1/2"	Float collar			LTC	A	0.6
1	5 1/2"	shoe joint	15.5	J-55	LTC	A	20
1	5 1/2"	Guide shoe				A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6030.13
TOTAL LENGTH OF STRING		6030.13	135	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		180.43	4	CASING SET DEPTH			6,028.13
TOTAL		6195.31	4				
TOTAL CSG. DEL. (W/O THRDS)		6195.31	139	} COMPARE			
TIMING							
BEGIN RUN CSG.	Spud	2:00 PM	10/11/2009	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE		5:00 PM	10/11/2009	Bbls CMT CIRC TO SURFACE			25
BEGIN CIRC		5:05 PM	10/11/2009	RECIPROCATED PIPE			No
BEGIN PUMP CMT		6:15 PM	10/11/2009				
BEGIN DSPL. CMT		7:01 PM	10/11/2009	BUMPED PLUG TO			2150
PLUG DOWN		7:25 PM	10/11/2009				

[illegible]

COMPANY REPRESENTATIVE

DATE 10/11/2009

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-096550

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

JONAH UNIT

8. WELL NAME and NUMBER:

JONAH T-11-9-16

9. API NUMBER:

4301334080

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: , 11, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 11/03/2009			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 11-03-09, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

DATE 11/23/2009

(This space for State use only)

RECEIVED

NOV 24 2009

DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****JONAH T-11-9-16****9/1/2009 To 1/30/2010****10/23/2009 Day: 1****Completion**

Rigless on 10/23/2009 - Run CBL and perforate bottom interval - Install 5M frac head & NU Weatherford Cameron single blind BOP. RU HO trk & pressure test casing, wellhead, casing valves & blind rams to 4500 psi. RU Perforators LLC WLT & mast. Run CBL under pressure f/ WLTD of 5958' to sfc. Found cmt top @ 62'. Perforate stage #1, LODC sds @ 5296-99'-5800' and 5283-89' W/ 3 1/8" slick gun (19 grams, .49" EH, 21.92" pen, 120° phasing & 3 JSPF) for a total of 27 holes. RD WLT. SIFN

Daily Cost: \$0**Cumulative Cost:** \$9,144

10/26/2009 Day: 2**Completion**

Rigless on 10/26/2009 - Frac 5 stages and flowback well - Stage #2: RU WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 6', 6', 2', 2' perf guns. Set plug @ 5225'. Perferate A3 sds @ 5164-70', 5179-85', A1 sds @ 5153-55', 5143-45' w/ 3-1/8" Slick Guns (16 gram, .34"EH, 120°) w/ 3 spf for total of 48 shots. RU BJ & open well w/ 1350 psi on casing. Perfs broke down @ 1988 psi w/ 1.9 bbls @ 5.7 bpm. ISIP was 1381 w/ .70FG. Did not get 1 min and 4min shutin. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 90329#'s of sand in 544 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2801 @ ave rate of 40.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISDP was 2494 w/ .92FG. 5 min was 2394. 10 min was 2318. 15 min was 2247. Leave pressure on well. 1077 Bbls EWTR. - Stage #3: RU WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 2', 3', 2', 7' perf guns. Set plug @ 5070'. Perferate B2 sds @ 5493-99', B.5 sds 4928-30', C sds @ 4855-58', 4847-49' w/ 3-1/8" Slick Guns (16 gram, .34"EH, 120°) w/ 3 spf for total of 42 shots. RU BJ & open well w/ 1825 psi on casing. Perfs broke down @ 2418 psi w/ 3.3 bbls @ 8.2 bpm. ISIP was 1975 w/ .84FG. Did not get 1 min and 4min shutin. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 60136#'s of sand in 370 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3021 @ ave rate of 45 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISDP was 2178 w/ .88FG. 5 min was 2078. 10 min was 2009. 15 min was 1946. Leave pressure on well. 1485 Bbls EWTR. - Stage #4: RU WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 7' perf guns. Set plug @ 4775'. Perferate D1 sds @ 4696-4703' w/ 3-1/8" Slick Guns (16 gram, .34"EH, 120°) w/ 3 spf for total of 21 shots. RU BJ & open well w/ 1810 psi on casing. Perfs broke down @ 4185 psi w/ 1.3 bbls @ 3 bpm. ISIP was 2075 w/ .88FG. Did not get 1 min and 4min shutin. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 14428#'s of sand in 124 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2514 @ ave rate of 26.3 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISDP was 2110 w/ .89FG. 5 min was 1992. 10 min was 1919. 15 min was 1884. Leave pressure on well. 1643 Bbls EWTR. - RU BJ Services "Ram Head" frac flange. RU BJ & open well w/ 115 psi on casing. Perfs broke down @ 3334 psi 4.3 w/ bbls @ 3.4 bpm. ISIP was 1482 w/ .71FG. 1 min was 1261. 4 min was 1088. Pumped 6 bbls acid, 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 16631#'s of sand in 182.6 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 33375 @ ave rate of 31 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISDP was 3000 w/ 1.0FG. 5 min was 2561. 10 min was 2489. 15 min was 2462. Leave pressure on well. 377 Bbls EWTR. - Stage #5: RU WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 2', 5', 2', 3' perf guns. Set plug @ 4310'. Perferate GB6 sds 4184-86', 4192-97', 4200-02', and 4219-22' w/ 3-1/8" Slick Guns

(16 gram, .34"EH, 120°) w/ 3 spf for total of 36 shots . RU BJ & open well w/ 1780 psi on casing. Perfs broke down @ 3027psi w/ 1.0 bbls @ 2.5 bpm. Did not get ISIP, 1 min, or 4min shutin. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/27979#'s of sand in 223 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2430 @ ave rate of 34.8 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISDP was 2178 w/ .88FG. 5 min was 2078. 10 min was 2009. 15 min was 1946. Leave pressure on well. 1999.2 Bbls EWTR - Flowback well from 1:00pm to 6:55pm. Estimated 1065 bbls recovered. Flowed on 20/64 choke. SI pressure 130psi. 20min Shut in pressure 510psi.

Daily Cost: \$0

Cumulative Cost: \$94,330

10/27/2009 Day: 3**Completion**

Rigless on 10/27/2009 - Set Kill Plug at 4060'. - MIRU Perforators Wireline. RIH with Kill plug and set at 4060'. Flowback well until dead. RD wireline. SI well.

Daily Cost: \$0

Cumulative Cost: \$97,425

10/28/2009 Day: 4**Completion**

WWS #1 on 10/28/2009 - Drlg plugs. - MIRUSU. RD Cameron BOP's & frac head. Instal 3M production tbg head & Schefer BOP's. RU 4-3/4" Chomp mill & x-over sub. Tally, pickup & TIH w/ new J-55, 2-7/8", 6.5# tbg. 90 jts in RU pump & tanks. Circulate well clean. Continue TIH w/ tbg. Tag plug @ 4060. RU swivel. Drlg out plug in 10 min. TIH w/ tbg to tag fill @ 4270'. C/O to plug @ 4310'. Drlg out plug #2. TIH w/ tbg to tag plug @ 4775'. Drlg out plug #3. SIFN.

Daily Cost: \$0

Cumulative Cost: \$135,200

10/29/2009 Day: 5**Completion**

WWS #1 on 10/29/2009 - Drlg plugs. C/O well. - Open well W/ 250 psi on casing. Continue TIH w/ tbg to tag fill @ 5018'. C/O to plug @ 5070'. Drlg out plug #3. TIH w/ tbg to tag plug @ 5225'. Drlg out plug #4. TIH w/ tbg o tag fill @ 5910'. C/O to PBTD @ 6006'. LD 2 jts tbg (EOT @ 5942'). RU swab equipment. Made 3 runs to rec'd 40 bbls of fluid. FFL was 200'. Last run showed trace of oil w/ no sand. SIFN.

Daily Cost: \$0

Cumulative Cost: \$140,420

10/30/2009 Day: 6**Completion**

WWS #1 on 10/30/2009 - Swab well for clean out. TOOH w/ tbg. - Open well w/ 250 psi on casing. RU swab. Made 9 runs to rec'd 120 bbls fluid. FFL was 500'. Last run showed trace of oil w/ no sand. RD swab. TIH w/ tbg to tag no new sand. TOOH w/ tbg. RD mill & x-over sub. TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA new CDI w/ 45,000# shear, 162 jts tbg. RD BOP's. Set TA @ 5272' w/ 18,000#'s tension w/ SN @ 5307' & EOT @ 5374'. Flush tbg w/ 60 bbls water. Pickup & prime pump. TIH w/ new CDI 2-1/2" x 1-3/4" x 17' x 20' RHAC w/ 175" SL pump, 4-1-1/2" weight rods, 80- 7/8" new Guided rods, 1-1/2" x 30 polish rod.

Daily Cost: \$0

Cumulative Cost: \$172,527

11/3/2009 Day: 7**Completion**

WWS #1 on 11/3/2009 - Finish running rods and PWOP - Check pressure on well csg-350psi tbg-0psi. PU rods 127 7/8" scraped. Seat pump and add 1-2', 1-8' pony rods. Seat pump with 1-1/2" x 30' polish rod hang horses head. Stroke well up to 800psi, good pump action. RDMO and POP @11:00am with 144" stroke length and 6 SPM. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$178,669

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. UTU-096550			
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____						6. If Indian, Allottee or Tribe Name NA			
2. Name of Operator NEWFIELD EXPLORATION COMPANY						7. Unit or CA Agreement Name and No. GBMU CTB5			
3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202				3a. Phone No. (include area code) (435)646-3721		8. Lease Name and Well No. JONAH T-11-9-16			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 709' FSL & 725' FEL (SE/SE) SEC. 11, T9S, R16E At top prod. interval reported below 1355' FSL & 65' FEL (SE/SE) At total depth 6030' 1430 FSL 17 FWL per HSM review						9. AFI Well No. 43-013-34080			
						10. Field and Pool or Exploratory MONUMENT BUTTE			
						11. Sec., T., R., M., on Block and Survey or Area SEC. 11, T9S, R16E			
						12. County or Parish DUCHESNE	13. State UT		
14. Date Spudded 09/25/2009		15. Date T.D. Reached 10/11/2009		16. Date Completed 11/02/2009 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 5503' GL 5515' KB			
18. Total Depth: MD 6030' TVD 5925'		19. Plug Back T.D.: MD 6006' TVD 5902		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		320'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6028'		250 PRIMLITE		62'	
						400 50/50 POZ			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	EOT@ 5809'	TA @ 5712'							
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) SEE BELOW				SEE BELOW					
B)				4104-5299					
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
SEE BELOW		SEE BELOW							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/02/09	11/14/09	24	→	94	27	38			2-1/2" x 1-3/4" x 17' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status PRODUCING	
			→						
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3626' 3837'
				GARDEN GULCH 2 GB-6	3954' 4182'
				GB-6 BASE POINT 3	4227' 4235'
				X MRKR Y MRKR	4490' 4527'
				DOUGALS CREEK MRK BI CARBONATE MRK	4652' 4896'
				B LIMESTON MRK CASTLE PEAK	5020' 5523'
				BASAL CARBONATE	5969'

32. Additional remarks (include plugging procedure):

Stage 1: (LODC) 5283-5299' .34" 3 SPF Frac w/ 16631#s of 20/40 sand in 182 bbls of Lightning 17 fluid

Stage 2: (A3 & A1) A3: 5164-5185', A1: 5143-5155 .34" 3 SPF Frac w/ 90329#s of 20/40 sand in 544 bbls of Lightning 17 fluid

Stage 3: (B2, B.5, & C) B2: 4993-4999', B.5: 4928-4930', C: 4847-4858 .34" 3 SPF Frac w/ 60136#s of 20/40 sand in 370 bbls of Lightning 17 fluid

Stage 4: (D1) 4696-4703' .34" 3 SPF Frac w/ 14428#s of 20/40 sand in 124 bbls of Lightning 17 fluid

Stage 5: (GB6) 4184-4222' .34" 3 SPF Frac w/ 27979#s of 20/40 sand in 223 bbls of Lightning 17 fluid

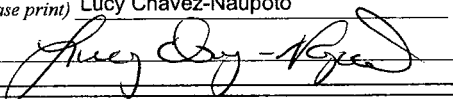
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-NaupotoTitle Administrative Assistant

Signature


Date 12/08/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NEWFIELD



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 11

T-11-9-16

Wellbore #1

Design: Wellbore #1

Standard Survey Report

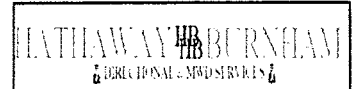
19 October, 2009

HATHAWAY HBBURNHAM
DIRECTIONAL & MWD SERVICES



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 11
Well: T-11-9-16
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well T-11-9-16
TVD Reference: T-11-9-16 @ 5515.0ft (NEWFIELD RIG)
MD Reference: T-11-9-16 @ 5515.0ft (NEWFIELD RIG)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone	Using geodetic scale factor	

Site SECTION 11

Site Position:		Northing:	7,188,670.03 ft	Latitude:	40° 2' 46.225 N
From:	Lat/Long	Easting:	2,036,157.78 ft	Longitude:	110° 5' 10.739 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.91 °

Well T-11-9-16, SHL LAT: 40 02 24.16 LONG: -110 04 47.32

Well Position	+N/-S	0.0 ft	Northing:	7,186,466.52 ft	Latitude:	40° 2' 24.160 N
	+E/-W	0.0 ft	Easting:	2,038,014.14 ft	Longitude:	110° 4' 47.320 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,515.0 ft	Ground Level:	5,503.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2009/09/24	11.52	65.84	52,465

Design Wellbore #1

Audit Notes:

Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
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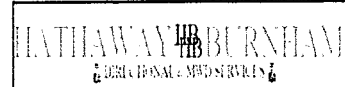
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	45.96

Survey Program Date 2009/10/19

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
389.0	6,030.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
389.0	0.56	144.60	389.0	-1.5	1.1	-0.3	0.14	0.14	0.00
420.0	0.44	136.50	420.0	-1.8	1.3	-0.3	0.45	-0.39	-26.13
451.0	0.67	94.08	451.0	-1.9	1.5	-0.2	1.47	0.74	-136.84
482.0	0.79	70.71	482.0	-1.8	1.9	0.1	1.03	0.39	-75.39
512.0	1.12	66.50	512.0	-1.6	2.4	0.6	1.12	1.10	-14.03
543.0	1.30	53.31	543.0	-1.3	2.9	1.2	1.07	0.58	-42.55
573.0	1.87	49.82	573.0	-0.8	3.6	2.0	1.93	1.90	-11.63
604.0	2.01	50.72	603.9	-0.1	4.4	3.1	0.46	0.45	2.90
634.0	2.57	47.80	633.9	0.7	5.3	4.3	1.91	1.87	-9.73
665.0	2.94	47.71	664.9	1.7	6.4	5.8	1.19	1.19	-0.29
696.0	3.36	47.73	695.8	2.8	7.7	7.5	1.35	1.35	0.06
726.0	3.65	45.14	725.8	4.1	9.0	9.3	1.10	0.97	-8.63



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 11
Well: T-11-9-16
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well T-11-9-16
TVD Reference: T-11-9-16 @ 5515.0ft (NEWFIELD RIG)
MD Reference: T-11-9-16 @ 5515.0ft (NEWFIELD RIG)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
757.0	4.13	42.04	756.7	5.6	10.4	11.4	1.69	1.55	-10.00
788.0	4.40	40.40	787.6	7.4	12.0	13.7	0.96	0.87	-5.29
818.0	4.83	39.27	817.5	9.2	13.5	16.1	1.46	1.43	-3.77
849.0	5.03	43.60	848.4	11.2	15.3	18.8	1.36	0.65	13.97
879.0	5.56	46.26	878.3	13.2	17.2	21.5	1.95	1.77	8.87
911.0	6.00	45.05	910.1	15.4	19.5	24.8	1.43	1.38	-3.78
942.0	6.11	43.71	941.0	17.8	21.8	28.0	0.58	0.35	-4.32
974.0	6.31	43.45	972.8	20.3	24.2	31.5	0.63	0.63	-0.81
1,006.0	6.57	42.04	1,004.6	22.9	26.6	35.1	0.95	0.81	-4.41
1,038.0	6.97	42.55	1,036.3	25.7	29.2	38.8	1.26	1.25	1.59
1,069.0	7.34	41.71	1,067.1	28.6	31.8	42.7	1.24	1.19	-2.71
1,101.0	7.58	42.68	1,098.8	31.6	34.6	46.8	0.85	0.75	3.03
1,133.0	8.08	43.12	1,130.5	34.8	37.5	51.2	1.57	1.56	1.38
1,164.0	8.48	44.15	1,161.2	38.1	40.6	55.6	1.38	1.29	3.32
1,196.0	8.90	44.80	1,192.8	41.5	44.0	60.5	1.35	1.31	2.03
1,228.0	9.32	44.48	1,224.4	45.1	47.5	65.5	1.32	1.31	-1.00
1,259.0	9.71	43.56	1,255.0	48.8	51.1	70.7	1.35	1.26	-2.97
1,291.0	10.14	42.99	1,286.5	52.8	54.9	76.2	1.38	1.34	-1.78
1,323.0	10.59	43.09	1,318.0	57.0	58.8	81.9	1.41	1.41	0.31
1,354.0	10.77	43.29	1,348.5	61.2	62.8	87.7	0.59	0.58	0.65
1,385.0	11.12	43.01	1,378.9	65.5	66.8	93.5	1.14	1.13	-0.90
1,416.0	11.38	42.55	1,409.3	69.9	70.9	99.6	0.89	0.84	-1.48
1,448.0	11.58	42.61	1,440.7	74.6	75.2	105.9	0.63	0.63	0.19
1,543.0	12.32	43.45	1,533.6	89.0	88.6	125.6	0.80	0.78	0.88
1,638.0	12.55	43.93	1,626.4	103.8	102.7	146.0	0.27	0.24	0.51
1,734.0	12.52	43.67	1,720.1	118.8	117.2	166.8	0.07	-0.03	-0.27
1,829.0	12.21	46.51	1,812.9	133.2	131.6	187.2	0.72	-0.33	2.99
1,924.0	12.90	44.02	1,905.6	147.7	146.2	207.8	0.92	0.73	-2.62
2,019.0	12.25	45.06	1,998.3	162.5	160.7	228.5	0.72	-0.68	1.09
2,114.0	12.48	46.85	2,091.1	176.6	175.4	248.8	0.47	0.24	1.88
2,209.0	13.27	47.14	2,183.7	191.1	190.8	270.0	0.83	0.83	0.31
2,304.0	12.94	44.81	2,276.3	206.0	206.3	291.5	0.66	-0.35	-2.45
2,399.0	12.74	42.33	2,368.9	221.3	220.9	312.6	0.62	-0.21	-2.61
2,494.0	12.41	41.91	2,461.6	236.7	234.7	333.3	0.36	-0.35	-0.44
2,589.0	12.46	43.36	2,554.4	251.7	248.6	353.7	0.33	0.05	1.53
2,684.0	13.23	45.16	2,647.0	266.8	263.3	374.8	0.91	0.81	1.89
2,780.0	13.20	46.13	2,740.5	282.2	279.0	396.7	0.23	-0.03	1.01
2,875.0	12.39	47.01	2,833.1	296.6	294.3	417.8	0.88	-0.85	0.93
2,969.0	12.85	48.48	2,924.8	310.4	309.5	438.3	0.60	0.49	1.56
3,064.0	12.28	49.91	3,017.6	323.9	325.2	458.9	0.68	-0.60	1.51
3,159.0	13.21	50.54	3,110.2	337.3	341.3	479.8	0.99	0.98	0.66
3,254.0	13.34	48.57	3,202.7	351.5	357.9	501.6	0.50	0.14	-2.07
3,350.0	13.58	48.61	3,296.0	366.3	374.6	523.9	0.25	0.25	0.04
3,445.0	13.01	48.33	3,388.5	380.8	391.0	545.7	0.60	-0.60	-0.29
3,540.0	12.28	46.13	3,481.2	394.9	406.2	566.5	0.92	-0.77	-2.32
3,635.0	11.89	44.11	3,574.1	408.9	420.3	586.4	0.61	-0.41	-2.13
3,730.0	11.40	43.01	3,667.1	422.8	433.6	605.6	0.57	-0.52	-1.16
3,825.0	11.23	42.63	3,760.3	436.5	446.2	624.2	0.20	-0.18	-0.40
3,920.0	11.87	44.79	3,853.4	450.2	459.4	643.2	0.81	0.67	2.27
4,016.0	12.37	45.07	3,947.2	464.5	473.6	663.3	0.52	0.52	0.29
4,111.0	12.46	46.72	4,040.0	478.7	488.3	683.8	0.39	0.09	1.74
4,206.0	12.61	48.87	4,132.7	492.5	503.5	704.4	0.52	0.16	2.26
4,301.0	11.76	48.19	4,225.6	505.8	518.6	724.4	0.91	-0.89	-0.72
4,396.0	11.45	48.57	4,318.7	518.5	532.9	743.5	0.34	-0.33	0.40



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 11
Well: T-11-9-16
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well T-11-9-16
TVD Reference: T-11-9-16 @ 5515.0ft (NEWFIELD RIG)
MD Reference: T-11-9-16 @ 5515.0ft (NEWFIELD RIG)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,491.0	12.15	48.57	4,411.7	531.4	547.4	762.9	0.74	0.74	0.00
4,586.0	11.16	46.17	4,504.7	544.3	561.6	782.1	1.16	-1.04	-2.53
4,681.0	11.05	45.25	4,597.9	557.1	574.7	800.4	0.22	-0.12	-0.97
4,776.0	11.40	43.14	4,691.1	570.4	587.5	818.9	0.57	0.37	-2.22
4,871.0	11.01	42.50	4,784.3	583.9	600.1	837.3	0.43	-0.41	-0.67
4,965.0	11.43	45.34	4,876.5	597.1	612.8	855.6	0.74	0.45	3.02
5,060.0	11.01	49.56	4,969.7	609.6	626.4	874.0	0.97	-0.44	4.44
5,155.0	11.74	49.48	5,062.8	621.7	640.6	892.7	0.77	0.77	-0.08
5,250.0	11.49	49.40	5,155.9	634.2	655.2	911.8	0.26	-0.26	-0.08
5,295.7	11.08	50.16	5,200.7	640.0	662.0	920.7	0.96	-0.91	1.67
T-11-9-16 TGT									
5,345.0	10.63	51.05	5,249.1	645.8	669.2	930.0	0.96	-0.90	1.80
5,440.0	9.51	41.75	5,342.6	657.2	681.2	946.6	2.07	-1.18	-9.79
5,535.0	9.30	40.71	5,436.4	668.9	691.4	962.0	0.28	-0.22	-1.09
5,630.0	9.05	42.35	5,530.1	680.2	701.5	977.1	0.38	-0.26	1.73
5,725.0	8.75	42.19	5,624.0	691.1	711.4	991.8	0.32	-0.32	-0.17
5,820.0	9.03	45.53	5,717.9	701.7	721.5	1,006.5	0.62	0.29	3.52
5,915.0	7.97	47.53	5,811.8	711.3	731.7	1,020.5	1.16	-1.12	2.11
5,978.0	6.72	46.35	5,874.3	716.8	737.6	1,028.5	2.00	-1.98	-1.87
6,030.0	6.70	46.35	5,925.9	721.0	742.0	1,034.6	0.04	-0.04	0.00

Wellbore Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
T-11-9-16 TGT	0.00	0.00	5,200.0	642.5	664.4	7,187,119.40	2,038,668.16	40° 2' 30.509 N	110° 4' 38.778 W
- actual wellpath misses by 3.5ft at 5295.7ft MD (5200.7 TVD, 640.0 N, 662.0 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____



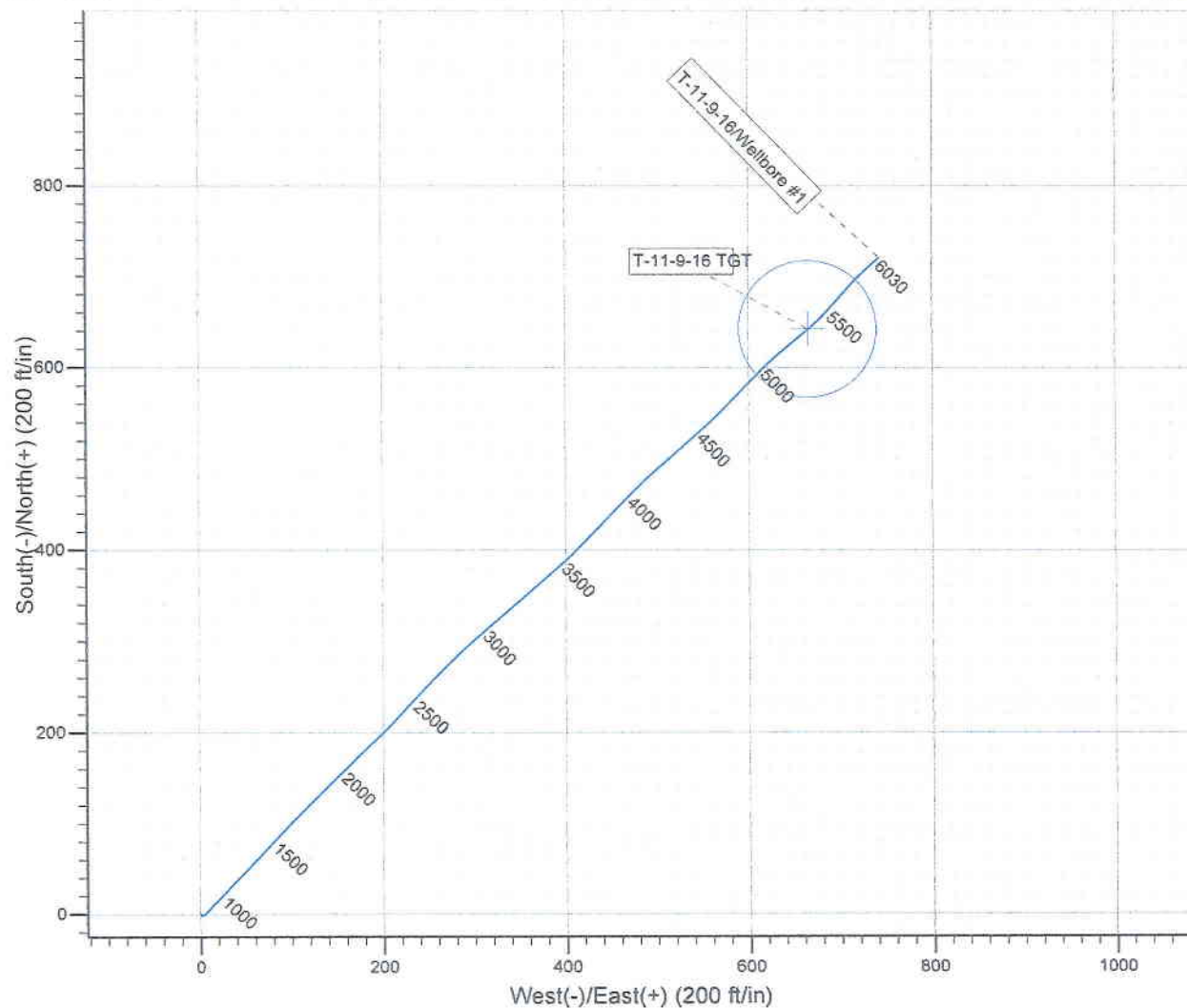
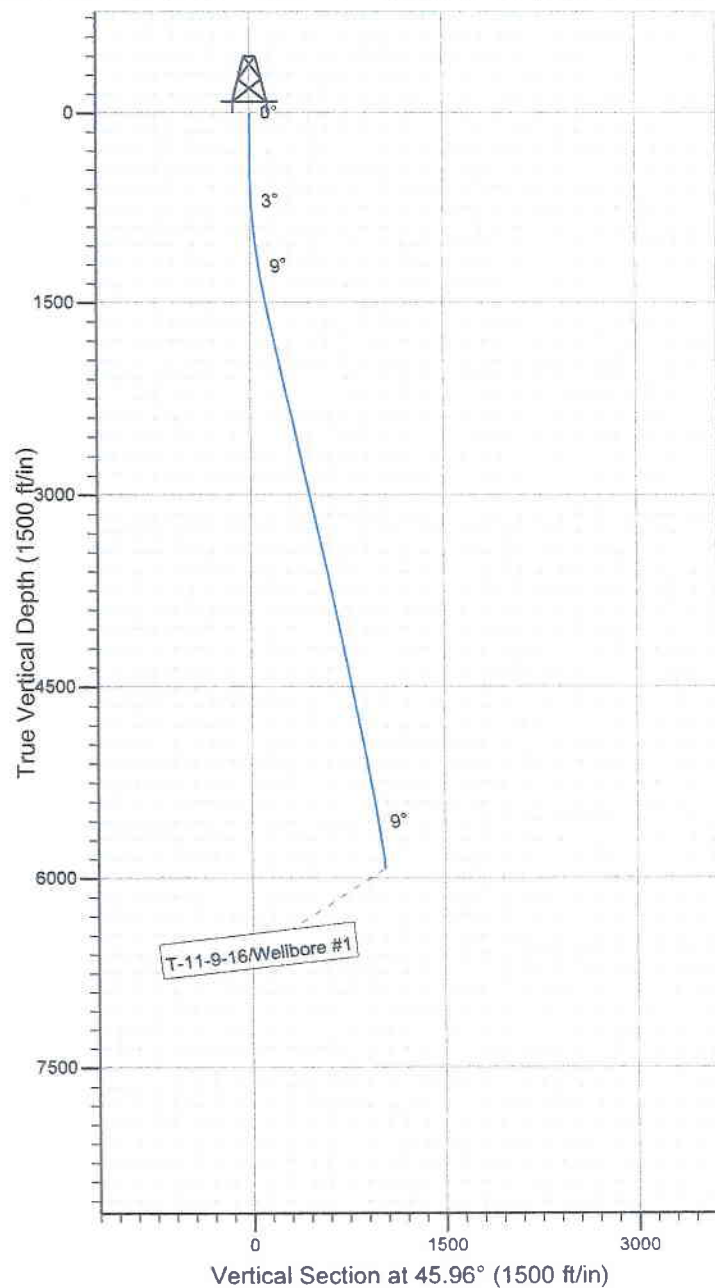
Project: USGS Myton SW (UT)
Site: SECTION 11
Well: T-11-9-16
Wellbore: Wellbore #1
SURVEY: Wellbore #1

FINAL SURVEY REPORT



Azimuths to True North
Magnetic North: 11.52°

Magnetic Field
Strength: 52464.9snT
Dip Angle: 65.84°
Date: 2009/09/24
Model: IGRF200510



Design: Wellbore #1 (T-11-9-16/Wellbore #1)

Created By: *Tom Hudson* Date: 19:55, October 19 2009
THIS SURVEY IS CORRECT TO THE BEST OF MY
KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

H	HEADER	INFORMATION	-----					
H	COMPANY	:	NEWFIELD	EXPLORATION				
H	FIELD	:	USGS	Myton	SW	(UT)		
H	SITE	:	SECTION	11				
H	WELL	:	T-11-9-16					
H	WELLPATH:	Wellbore	#1					
H	DEPTHUNT:	ft						
H	SURVDATE:	10/19/2009						
H	DECLINATION	CORR.						
H	=	10.61 TO	GRIDH	-----				
H	WELL	INFORMATION						
H	WELL	EW	MAP	:	2038014			
H	WELL	NS	MAP	:	7186467			
H	DATUM	ELEVN	:	5515				
H	VSECT	ANGLE	:	45.96				
H	VSECT	NORTH	:	0				
H	VSECT	EAST	:	0				
H	-----							
H	SURVEY	TYPE	INFORMATION					
H		389 -	6030 SURVEY	#1	:	MWD		
H	-----							
H	SURVEY	LIST						
MD	INC	AZI	TVD	NS	EW	VS	DLS	
	0	0	0	0	0	0	0	0
	389	0.56	144.6	388.99	-1.55	1.1	-0.29	0.14
	420	0.44	136.5	419.99	-1.76	1.27	-0.31	0.45
	451	0.67	94.08	450.99	-1.86	1.53	-0.19	1.47
	482	0.79	70.71	481.99	-1.8	1.92	0.13	1.03
	512	1.12	66.5	511.98	-1.62	2.38	0.59	1.12
	543	1.3	53.31	542.98	-1.28	2.94	1.22	1.07
	573	1.87	49.82	572.97	-0.77	3.59	2.05	1.93
	604	2.01	50.72	603.95	-0.1	4.39	3.09	0.46
	634	2.57	47.8	633.92	0.69	5.3	4.29	1.91
	665	2.94	47.71	664.89	1.69	6.4	5.78	1.19
	696	3.36	47.73	695.84	2.84	7.66	7.48	1.35
	726	3.65	45.14	725.79	4.1	8.99	9.31	1.1
	757	4.13	42.04	756.71	5.63	10.44	11.42	1.69
	788	4.4	40.4	787.63	7.36	11.96	13.71	0.96
	818	4.83	39.27	817.53	9.22	13.5	16.11	1.46
	849	5.03	43.6	848.42	11.21	15.26	18.77	1.36
	879	5.56	46.26	878.29	13.17	17.22	21.53	1.95
	911	6	45.05	910.13	15.42	19.52	24.76	1.43
	942	6.11	43.71	940.95	17.76	21.81	28.02	0.58
	974	6.31	43.45	972.76	20.27	24.2	31.48	0.63
	1006	6.57	42.04	1004.56	22.9	26.63	35.07	0.95
	1038	6.97	42.55	1036.34	25.69	29.17	38.83	1.26
	1069	7.34	41.71	1067.1	28.56	31.76	42.68	1.24

1101	7.58	42.68	1098.83	31.63	34.55	46.83	0.85
1133	8.08	43.12	1130.53	34.83	37.52	51.18	1.57
1164	8.48	44.15	1161.21	38.06	40.6	55.64	1.38
1196	8.9	44.8	1192.84	41.51	43.99	60.48	1.35
1228	9.32	44.48	1224.43	45.11	47.55	65.54	1.32
1259	9.71	43.56	1255.01	48.8	51.11	70.66	1.35
1291	10.14	42.99	1286.53	52.81	54.89	76.17	1.38
1323	10.59	43.09	1318.01	57.02	58.82	81.92	1.41
1354	10.77	43.29	1348.47	61.21	62.75	87.66	0.59
1385	11.12	43.01	1378.91	65.5	66.78	93.54	1.14
1416	11.38	42.55	1409.31	69.94	70.88	99.58	0.89
1448	11.58	42.61	1440.67	74.63	75.19	105.93	0.63
1543	12.32	43.45	1533.61	89.01	88.62	125.58	0.8
1638	12.55	43.93	1626.38	103.8	102.75	146.02	0.27
1734	12.52	43.67	1720.09	118.84	117.17	166.84	0.07
1829	12.21	46.51	1812.89	133.2	131.57	187.17	0.72
1924	12.9	44.02	1905.62	147.74	146.23	207.82	0.92
2019	12.25	45.06	1998.34	162.48	160.73	228.49	0.72
2114	12.48	46.85	2091.14	176.62	175.35	248.84	0.47
2209	13.27	47.14	2183.75	191.06	190.83	270	0.83
2304	12.94	44.81	2276.27	206.02	206.32	291.54	0.66
2399	12.74	42.33	2368.9	221.31	220.87	312.62	0.62
2494	12.41	41.91	2461.62	236.65	234.75	333.26	0.36
2589	12.46	43.36	2554.39	251.7	248.6	353.68	0.33
2684	13.23	45.16	2647.01	266.82	263.35	374.79	0.91
2780	13.2	46.13	2740.47	282.16	279.04	396.73	0.23
2875	12.39	47.01	2833.11	296.63	294.31	417.77	0.88
2969	12.85	48.48	2924.84	310.43	309.51	438.3	0.6
3064	12.28	49.91	3017.57	323.94	325.15	458.93	0.68
3159	13.21	50.54	3110.22	337.35	341.26	479.83	0.99
3254	13.34	48.57	3202.69	351.5	357.86	501.6	0.5
3350	13.58	48.61	3296.05	366.28	374.62	523.92	0.25
3445	13.01	48.33	3388.5	380.76	390.98	545.75	0.6
3540	12.28	46.13	3481.2	394.87	406.25	566.53	0.92
3635	11.89	44.11	3574.09	408.9	420.34	586.42	0.61
3730	11.4	43.01	3667.14	422.79	433.56	605.58	0.57
3825	11.23	42.63	3760.29	436.47	446.23	624.19	0.2
3920	11.87	44.79	3853.37	450.21	459.38	643.19	0.81
4016	12.37	45.07	3947.23	464.47	473.61	663.34	0.52
4111	12.46	46.72	4040.01	478.69	488.28	683.76	0.39
4206	12.61	48.87	4132.74	492.53	503.55	704.37	0.52
4301	11.76	48.19	4225.6	505.81	518.58	724.4	0.91
4396	11.45	48.57	4318.66	518.5	532.86	743.49	0.34
4491	12.15	48.57	4411.65	531.36	547.43	762.9	0.74
4586	11.16	46.17	4504.69	544.34	561.56	782.08	1.16
4681	11.05	45.25	4597.91	557.12	574.65	800.38	0.22
4776	11.4	43.14	4691.1	570.38	587.54	818.86	0.57

4871	11.01	42.5	4784.28	583.92	600.09	837.29	0.43
4965	11.43	45.34	4876.49	597.08	612.78	855.56	0.74
5060	11.01	49.56	4969.67	609.58	626.38	874.03	0.97
5155	11.74	49.48	5062.81	621.75	640.63	892.73	0.77
5250	11.49	49.4	5155.86	634.18	655.16	911.82	0.26
5345	10.63	51.05	5249.1	645.85	669.16	930	0.96
5440	9.51	41.75	5342.64	657.21	681.2	946.55	2.07
5535	9.3	40.71	5436.36	668.89	691.43	962.02	0.28
5630	9.05	42.35	5530.15	680.23	701.47	977.12	0.38
5725	8.75	42.19	5624	691.1	711.36	991.79	0.32
5820	9.03	45.53	5717.86	701.68	721.53	1006.46	0.62
5915	7.97	47.53	5811.82	711.35	731.71	1020.5	1.16
5978	6.72	46.35	5874.3	716.84	737.6	1028.55	2
6030	6.7	46.35	5925.94	721.04	742	1034.62	0.04